

11th June 2025

Chairperson,
Petroleum & Natural Gas Regulatory Board,
E-400, 4th Floor, Tower-E, World Trade Center,
Nauroji Nagar,
New Delhi – 110029

Subject:	Proposal for Dedicated Ethylene pipeline from Reliance Industries Ltd, Dahej (DMD) to Deepak Chem Tech Ltd
Reference:	Authorisation under Regulation 19(2) of Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Petroleum and Petroleum Products Pipelines) Regulations, 2010.

Dear sir,

Deepak Chem Tech Ltd (DCTL) is in process to set up chemical manufacturing unit at Plot No D-2/6/1 & D-2/6/1/A, Dahej GIDC Phase-II in Taluka, Vagra, Dist. -Bharuch in Gujarat state.

Ethylene will be one of the basic raw materials for this manufacturing unit and Reliance Industries Limited, Dahej (RIL DMD) is agreed to supply the same.

For consistent supply of the Ethylene, DCTL intends to lay dedicated Pipeline of Ethylene from Reliance Industries Limited, Dahej (RIL DMD) to its plant at Plot No. D-2/6/1/A in Dahej GIDC Phase-II in Taluka, Vagra, Dist. -Bharuch in Gujarat state.

It will be 14 km long 4" Ø API 5L 3LP Pipeline for the transportation of Ethylene from Reliance Industries Ltd, Dahej to Deepak Chem Tech Limited (DCTL), Dahej.

Pipeline will be laid, operated and maintained by Deepak Chem Tech Limited (DCTL).

DEEPAK CHEM TECH LIMITED

CIN: U24290GJ2020PLC117177

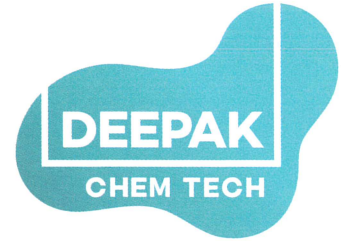
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The route has been identified based on the feasibility to lay Pipeline within Dahej GIDC corridor.

Based on our submission, Petroleum & Explosives Safety Organisation (PESO) have granted the Prior approval to lay the pipeline.

Following documents regarding referred pipeline are attached.

- 1) Prior approval from Petroleum & Explosives Safety Organisation (PESO).
- 2) Copy of Agreement Reliance Industries Ltd
- 3) Relevant pages from Detailed survey Report

Let us know, in case further details are required.

Kindly accept our proposal grant us the authorisation for the dedicated Ethylene pipeline.

Thanking you,

Yours faithfully,
For Deepak Chem Tech Ltd

A handwritten signature in blue ink, appearing to be "Shail", is written over a faint, light blue circular watermark.

(Authorised signatory)

Contact person:
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Report No.: DPC-DCTL-ETHYLENE-DSR_0C

FINAL COPY: Jan-24



Deepak Chem Tech Ltd.

(Formerly Known as Deepak Clean Tech Limited)
Plot no. D-II/6/1 and D-II/6/1/A, Dahej II Industrial Estate, Dahej,
Rahiyad Village, Bharuch, Gujarat, India

PROJECT

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)



DETAILED FEASIBILITY & SURVEY REPORT

DESHPANDE-PATIL CONSULTANTS

(... Since 1988 - Survey of pipelines ... Nations lifelines)

(LAND / TOPOGRAPHIC SURVEYS, PIPELINE SURVEY, GPR SURVEY, SOIL INVESTIGATION, ROU & STATUTORY CLEARANCES)

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Deepak Chem Tech Ltd.

(Formerly Known as Deepak Clean Tech Limited)

Plot no. D-II/6/1 and D-II/6/1/A, Dahej II Industrial Estate, Dahej, Rahiyad Village, Bharuch, Gujarat, India

Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)

DETAILED FEASIBILITY & SURVEY REPORT

1. INTRODUCTION:

Deepak Chem Tech Ltd (DCTL) has plan to set up MEA manufacturing unit at Plot No. D-2/6/1/A in Dahej GIDC Phase-II in Taluka- Vagra, Dist.-Bharuch in Gujarat state.

Ethylene is one of the major raw materials for MEA Manufacturing. DCTL has made an agreement with Reliance Industries Limited, Dahej (RIL DMD) for the supply of ethylene. For a consistent supply, DCTL intends to lay dedicated Pipeline for the same.

The Pipeline route takes off from Ethylene Compressor Station located at Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-II in Taluka- Vagra, Bharuch Dist. of Gujarat state (Co- ordinates: Easting(X) - 248454.8531m, Northing(Y) - 2400117.925m).

The Pipeline route ends at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase -II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258402.8218m, Northing(Y) - 2402041.69m).

Feasibility:

This report covers the Detailed Feasibility and Survey for the proposed 4" diameter Ethylene pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL), covering a total length of 13.399 km.

The pipeline route has been identified based on engineering feasibility and geographical constraints within the Dahej GIDC corridor. A detailed survey has been conducted accordingly for the finalized alignment.

The pipeline will be constructed in accordance with applicable engineering standards. The Material of Construction (MOC) is API 5L Grade X42 PSL1, with 3-Layer Polyethylene (3LP) coating for corrosion protection and suitability for high-pressure gas service.

DCTL peak demand of ethylene will be 800 kg/hr for this manufacturing plant. However, considering the requirement in future it is proposed to design the pipeline for 2000 Kg/hr ethylene flow rate.

Reliance is ready to supply this quantity of ethylene and have made agreement with DCTL in that regard. The ethylene will be delivered in vapor phase at a pressure of 30-32 kg/cm² and a temperature of 30-35°C.

2. TAP-OFF / TERMINAL LOCATIONS:

Reliance Industries Limited (RIL DMD):

The Pipeline route takes off from Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 248205.8621m, Northing(Y) - 2400649.2569m).

Deepak Chem Tech Limited (D2):

The Pipeline route ends at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258673.1146m, Northing(Y) - 2401881.0617m).

3. METHODOLOGY:

Alignment Survey using Total Station:

After approval from EIC the alignment survey along with detailed engineering survey for the pipeline route is carried out to stake the pipeline alignment on the ground.

The alignment is carried out by ranging on ground with the help of total station.
Methodology for alignment survey:

The alignment survey is done along the proposed pipeline route approved by the EIC.

The Turning Points (TP) and Intermediate Points (IP) are located by the surveyor and care was taken to provide minimum TPs as possible.

Care is taken to cross major crossings with right angle and also for crossings which require HDD. Care is taken that preceding and subsequent TPs are placed at minimum distance equal to the width of the crossing from edge of the ROW of crossing.

Also, care is taken to avoid waterlogged areas, marshy areas, ponds, site prone to flooding etc. Care is taken that Pipeline route does not pass through CRZ area.

The detailed route survey covers picking up all relevant site data 15 m on both side of the centre line of the Proposed Pipeline route.

The elevation along the Pipeline route is taken at every 25 m Interval.

4. EXECUTIVE SUMMARY:

Proposed Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL) has Total length of 13.4 km.

The proposed Pipeline takes off from boundary wall of Reliance Industries Limited (RIL DMD) in Dahej GIDC Phase-I in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting (X) - 248205.8621m, Northing (Y) - 2400649.2569m), it crosses 80m wide GIDC Road (Gulf of Khambhat to Dahej) and 50m wide GIDC Corridor (refer stretches 1-2 & 2-3).

From ch:0.12km, the Pipeline lies within 70m wide GIDC Corridor & GIDC Land for 1.08km length on North of RIL DMD(refer stretches 3-4), it crosses 30m wide Asphalt Road(to Dahej) and 20m wide GIDC Corridor((refer stretches 4-5 & 5-6).The Pipeline lies within 35m wide GIDC Corridor and 50m wide GIDC Corridor for 0.03km and 0.55km length respectively and it passes through GIDC land from ch:1.32km to ch:1.58km for 0.26km length (refer stretches 6-7 & 7-8).The Pipeline route crosses 80m wide GIDC Road(Gulf of Khambhat to Dahej) and it lies within GIDC Land Limit for 0.180km length adjacent to sterling.

The Pipeline route crosses 20m wide GIDC Road (To Ambheta Village) and 50m wide GIDC Pipeline Corridor and is passes within GIDC land from ch:2.51km to ch:2.65km for 0.14km length and it lies within 135m wide GIDC Power Corridor for 0.104km length up to ch:2.88km. From ch:2.89km, the Pipeline route follows North-East direction, and it lies within ROW of 80m wide GIDC Road (Gulf of Khambhat to Dahej) for 2.15km length, the Pipeline route lies within various GIDC corridors for 0.20km, 1.46km and 1.19km length respectively up to ch:7.91km.

The Pipeline crosses 30m wide GIDC Road & 20m wide GIDC Utility Corridor adjacent to Linde India Ltd., the Pipeline route lies within 85m wide GIDC Corridor for 1.59km length, it crosses 30m wide GIDC Road(to GIDC) and lies within 30m wide GIDC Road from ch:10.08km to ch:11.94km for 1.85km length where it passes through Jolva Gram Panchayat Limit from ch:10.85km to ch:11.14km for 0.29km length.

The Pipeline route lies within 30m wide GIDC Corridor from ch:11.94km to ch:12.06km for 0.12km length, the Pipeline on South of Toyo Ink, the Pipeline route crosses 45m wide GIDC Road(to SH-6) and 105m wide GIDC Corridor at ch:12.06km and at ch:12.12km respectively, it lies within 105m wide GIDC Corridor from ch:12.21km to ch:12.82km for 0.61km length and it lies within premises of Deepak Chem Tech Limited(DCTL) (Plot No.D-2/6/1/A) from ch:12.82km to ch:13.39km for 0.57km length to terminate at Deepak Chem Tech Limited(D2) located in Dahej GIDC Phase-II in Taluka-Vagra, Bharuch Dist. of Gujarat state (Co-ordinates: Easting(X) - 258673.1146m, Northing(Y) - 2401881.0617m)(refer Annexure-III).

The Pipeline route crosses 22-Other Roads,4-Cart Tracks, 6-Drains/Nalas, 201-Pipelines (Water / Gas / Oil / Effluent / Product),33-Power Lines/H.T. Lines,7-Corridors, 16-Cables and 4-Conveyor Belts (Refer Annexures-V(A), (B) & (C)).

The Pipeline passes through PDI class-I for 2.20km length, class-II for 9.6km length & class-III for 1.6km length (Refer Annexures-VI(A-C)).

The Pipeline route passes through social forest land for 41.60m length for 1m wide Rou. Area computed in social forest land is 12. 48sq.m i.e. 0.0012Ha (Refer Annexure-VII).

Terrain along the proposed route of the Pipeline is flat for its total length.

Elevation above MSL at Start Point (at boundary of RIL DMD) is 8.332m & at End Point (at Deepak Chem Tech Limited (DCTL) (Plot No. D-2/6/1/A)) is 6.56m. The highest elevation is 9.18m at Ch: 2.9km at crossing of Asphalt Road & the lowest elevation is 4.637m at Ch:9.54km at crossing of Lined Drain.

Since the pipeline is to be laid within GIDC area of Dahej which is highly industrialized, NOC/Permission has to be obtained from various statutory authorities (Refer Annexure-VIII).

The statutory cost for various clearances required for proposed pipeline is presented as Annexures - IX (A & B). The total estimated Statutory Cost is worked out to be `7.09Crore where Annual rent is `0.34Crore, non-refundable charges including Processing fees/supervision charges/ administrative charges/Insurance is `3.20Crore & Refundable Deposit is `3.55Crore. While estimating Statutory Cost prevailing Statutory fees for various authorities have been considered.

Soil along entire route is Normal type black cotton soil and some portion of Pipeline is comprised of Sandy soil.

Degree of corrosivity as per Resistivity:

Soil along the entire route is high to very low corrosive.

Degree of corrosivity as per Chemical Analysis:

Soil along the entire route is slightly corrosive.

5. SOIL STRATIFICATION & RESISTIVITY:

To carry out soil exploration along the pipeline route at 500 m interval or as decided by engineer-in-charge up to 3 m depth and visual classification of soil along entire route is shown as soil profile.

The resistivity is to be measured at every 500 meters at 1, 1.5, 2 and 2.5 meter depth.

The boring was done manually by auger of 150 mm diameter at approximately 500 m interval up to a depth of 3 m or till rock is encountered and is marked as BH-1, BH-2, etc. as shown in the soil profile drawing and bore logs. Total 27 numbers of boreholes have been taken for the Proposed Pipeline.

The measurements of soil resistivity along the entire stretch of pipeline have been carried out as per the terms and conditions of the contract. For the purpose of protecting pipeline against cathodic action, soil resistivities at various points have been measured as part of the work. The resistivities have been measured approximately at every 500-meter interval at 1-, 1.5-, 2- and 2.5-meter depths.

ANNEXURE - I

**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak
Chem Tech Limited (DCTL)**

SALIENT FEATURES

SALIENT FEATURES		
(A)	Length (km)	13.399
(B)	Terrain (km)	
	(a) Flat	13.399
(C)	Soil Encountered (km)	
	(a) Normal Type Soil	13.399
(D)	Surface Features (km)	
	(a) Inside Reliance Industries Ltd. DMD Premises	0.630
	(I)Total of RIL Premises	0.630
	(b) Across various GIDC crossings	0.729
	(c) Along various GIDC Corridor/Roads/Land	12.055
	(d) Across various Other Crossings	0.041
	(f) Inside Deepak Chem Tech Limited (DCTL)(D2) (Plot No.D-2/6/1/A)	0.574
	(II)Total length of Pipeline outside RIL Premises	13.399
	Total length of Pipeline (I+II)	14.029
(E)	Road Crossing (Nos.)	
	(a) National Highway	-
	(b) State Highway	-
	(c) Asphalt Road/Metal Road/Other Road	21
	(d) Cart Track	4
(F)	Water Bodies (Nos.)	
	(a) River	-
	(b) Canal/Distributory/Minor/Channel	-
	(c) Nala/Drain	8
(G)	Railway Crossing (Nos.)	-
(H)	Utility Crossing (Nos.)	
	(a) LT Line/Power Line/H.T Line	27
	(b) Pipeline (Hydrocarbon/Water Supply/Effluent)	215
	(c) Drainage Line	-
	(d) Fire Line	-
	(e) Cable	25
	(f) Conveyor Belt	4
	(g) Rack	1
	(h) Corridor	2

SALIENT FEATURES		
(I)	Forest (km)	
	(a) Social Forest	0.042
	(b) Protected Forest	-
(J)	Elevations above MSL(m)	
	(a) Start Point (at boundary of RIL DMD)	8.332
	(b) Lowest (at Ch:9.54km at crossing of Lined Drain)	4.637
	(c) Highest (at Ch: 2.9km at crossing of Asphalt Road)	9.180
	(d) End Point (at Deepak Chem Tech Limited (DCTL) (Plot No.D-2/6/1/A))	6.560
(K)	<u>Population Density (kms.)</u>	
	(a) Zone-I	2.199
	(b) Zone-II	9.600
	(c) Zone-III	1.600
	(d) Zone-IV	-
(L)	Statutory Cost (` in Crore)	7.09
	(a) Non-refundable Annual rent/charges for M & R (` in Crore)	0.34
	(b) Non-refundable charges (Processing fees/supervision charges/administrative charges/Insurance) (` in Crore)	3.20
	(c) Refundable Deposit (` Crore)	3.55

ANNEXURE - II

**Proposed 4"Ø Ethylene Pipeline from RIL DMD to
Deepak Chem Tech Limited (DCTL)**

TOTAL LENGTH STATEMENT

Sr. No.	Name of Pipeline	Chainage (km)		Length (km)	
		Start	End		
1	Proposed Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)(4"Ø)(API 5L GR X42 PSL1 3LP)	Inside RIL	0.000	0.630	0.630
		Outside RIL	0.000	13.399	13.399
		Total Length(km)		14.029	

ANNEXURE - III**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)****LIST OF STRETCHES ALONG PROPOSED ROUTE OF PIPELINE**

Sr. No.	Node		Chainage (m)		Length (m)	Description	REMARKS
	From	To	Start	End			
1	1	2	0.00	80.00	80.00	Across 80m wide GIDC Road (Gulf of Khambhat to Dahej)	Dahej GIDC Phase-I
2	2	3	80.00	130.00	50.00	Across 50m wide GIDC Corridor	
3	3	4	130.00	1215.48	1085.48	Within 70m wide GIDC Corridor & GIDC LAND	
4	4	5	1215.48	1257.07	41.59	Across 30m wide Asphalt Road (to Dahej)	
5	5	6	1257.07	1284.39	27.32	Across 20m wide GIDC Corridor	
6	6	7	1284.39	1322.61	38.22	Within 35m wide GIDC Corridor	
7			1322.61	1584.81	262.20	Within GIDC Land	
8	7	8	1584.81	2138.51	553.70	Within 50m wide GIDC Corridor	
9	8	9	2138.51	2311.97	173.46	Across 80m wide GIDC Road (Gulf of Khambhat to Dahej)	
10	9	10	2311.97	2491.97	180.00	Within GIDC Land Limit	
11	10	11	2491.97	2511.97	20.00	Across 20m wide GIDC Road (to Ambheta Village)	
12	11	12	2511.97	2659.16	147.19	Within GIDC Land	
13			2659.16	2788.83	129.67	Across 50m wide GIDC Pipeline Corridor	
14	12	13	2788.83	2892.93	104.10	Within 135m wide GIDC Power Corridor	
15	13	14	2892.93	5050.49	2157.56	Along 80m wide GIDC Road (Gulf of Khambhat to Dahej)	
16	14	15	5050.49	5253.23	202.74	Within 35m wide Power Corridor	
17	15	16	5253.23	6719.29	1466.06	Within 50m wide GIDC Corridor	
18	16	17	6719.29	7911.68	1192.39	Within 85m wide GIDC Corridor	
19	17	18	7911.68	7961.68	50.00	Across 30m wide GIDC Road & 20m wide GIDC Utility Corridor	Dahej GIDC Phase-II
20	18	19	7961.68	9556.18	1594.50	Within 85m wide GIDC Corridor	
21	19	20	9556.18	9586.18	30.00	Across 30m wide GIDC Road (to GIDC)	
22	20	21	9586.18	10064.29	478.11	Within 60m wide GIDC Corridor	
23	21	22	10064.29	10088.29	24.00	Across 30m wide GIDC Road (to CSCl)	
24	22	23	10088.29	10857.21	768.92	Within 30m wide GIDC Road (to CSCl)	
25	23	24	10857.21	11147.41	290.20	Within 30m wide GIDC Road (to CSCl)-Jolva Gram Panchayat Land	
26	24	25	11147.41	11941.15	793.74	Within 30m wide GIDC Road (to CSCl)	
27	25	26	11941.15	12067.51	126.36	Within 30m wide GIDC Corridor	
28	26	27	12067.51	12122.15	54.64	Across 45m wide GIDC Road (to SH-6)	
29	27	28	12122.15	12212.62	90.47	Across 105m wide GIDC Corridor	
30	28	29	12212.62	12826.41	613.79	Within 105m wide GIDC Corridor	
31	29	30	12826.41	13399.92	573.51	Inside Deepak Chem Tech Limited (DCTL)(D2) (Plot No. D-2/6/1/A)	
			Total Length(m)		13399.92		

ANNEXURE - IV**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited (DCTL)****TURNING POINTS, DISTANCES & BEARING STATEMENT**

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	R.L. (m)	EASTING	NORTHING	LATITUDE	LONGITUDE
1	TP0	0.00	0.00	0 ° 0 ' 0 "	8.33	248205.8621	2400649.2569	21°41'29.02"	72°33'59.02"
2	TP1	142.59	142.59	6 ° 44 ' 52 "R	7.98	248179.1885	2400789.3307	21°41'33.55"	72°33'58.01"
3	TP2	46.20	188.79	79 ° 35 ' 47 "R	6.88	248175.9385	2400835.4187	21°41'35.05"	72°33'57.87"
4	IP2/1	48.94	237.73	1 ° 33 ' 1 "R	6.22	248223.3295	2400847.6194	21°41'35.47"	72°33'59.52"
5	IP2/2	143.83	381.56	0 ° 54 ' 22 "R	5.82	248363.5382	2400879.6975	21°41'36.59"	72°34'4.37"
6	TP3	67.62	449.18	45 ° 0 ' 1 "L	5.96	248429.6861	2400893.7343	21°41'37.08"	72°34'6.67"
7	TP4	8.49	457.67	44 ° 59 ' 51 "R	5.99	248434.3091	2400900.8479	21°41'37.31"	72°34'6.82"
8	TP5	164.94	622.61	7 ° 47 ' 10 "R	6.87	248595.6553	2400935.0942	21°41'38.5"	72°34'12.41"
9	TP6	271.37	893.98	14 ° 16 ' 12 "L	7.10	248866.3013	2400954.9570	21°41'39.29"	72°34'21.81"
10	TP7	194.46	1088.44	6 ° 52 ' 54 "L	6.80	249050.7429	2401016.5541	21°41'41.38"	72°34'28.19"
11	TP8	87.25	1175.69	26 ° 38 ' 41 "R	6.73	249129.5971	2401053.9110	21°41'42.64"	72°34'30.92"
12	TP9	123.91	1299.60	20 ° 53 ' 9 "L	6.80	249253.4754	2401051.1095	21°41'42.61"	72°34'35.22"
13	TP10	262.41	1562.01	35 ° 38 ' 43 "R	6.68	249500.6905	2401139.0914	21°41'45.6"	72°34'43.77"
14	TP11	68.37	1630.38	52 ° 23 ' 7 "L	6.48	249566.3983	2401120.1815	21°41'45.01"	72°34'46.07"
15	TP12	90.84	1721.22	22 ° 45 ' 51 "L	6.61	249639.5834	2401174.0008	21°41'46.8"	72°34'48.58"
16	TP13	20.01	1741.23	33 ° 30 ' 35 "R	6.73	249649.8577	2401191.1640	21°41'47.36"	72°34'48.93"
17	IP13/1	102.47	1843.70	1 ° 10 ' 57 "R	6.41	249742.2860	2401235.4178	21°41'48.85"	72°34'52.12"

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	R.L. (m)	EASTING	NORTHING	LATITUDE	LONGITUDE
18	TP14	159.17	2002.87	30 ° 3 ' 23 "R	6.74	249887.2318	2401301.1749	21°41'51.06"	72°34'57.13"
19	TP15	146.01	2148.88	16 ° 57 ' 39 "L	6.64	250032.5320	2401286.7894	21°41'50.67"	72°35'2.19"
20	TP16	173.02	2321.90	9 ° 19 ' 54 "L	7.44	250202.1933	2401320.7110	21°41'51.85"	72°35'8.07"
21	TP17	73.46	2395.36	8 ° 54 ' 17 "R	7.50	250270.9434	2401346.6047	21°41'52.73"	72°35'10.44"
22	TP18	172.30	2567.66	85 ° 3 ' 40 "L	7.27	250439.6362	2401381.6420	21°41'53.95"	72°35'16.29"
23	TP19	21.49	2589.15	72 ° 18 ' 29 "R	7.27	250437.0935	2401402.9832	21°41'54.65"	72°35'16.19"
24	TP20	166.69	2755.84	14 ° 4 ' 54 "R	6.68	250588.7921	2401472.0731	21°41'56.97"	72°35'21.43"
25	TP21	46.92	2802.76	92 ° 17 ' 17 "L	6.65	250634.9427	2401480.5472	21°41'57.27"	72°35'23.03"
26	IP21/1	175.85	2978.61	2 ° 1 ' 27 "R	7.02	250596.3044	2401652.0987	21°42'2.82"	72°35'21.59"
27	IP21/2	103.01	3081.62	0 ° 7 ' 32 "R	7.67	250577.2348	2401753.3261	21°42'6.1"	72°35'20.87"
28	TP22	130.73	3212.35	17 ° 11 ' 5 "R	6.77	250553.3146	2401881.8484	21°42'10.27"	72°35'19.97"
29	TP23	10.90	3223.25	35 ° 22 ' 33 "R	6.65	250554.5758	2401892.6797	21°42'10.62"	72°35'20.01"
30	TP24	24.63	3247.88	3 ° 51 ' 22 "R	6.84	250571.0594	2401910.9754	21°42'11.22"	72°35'20.57"
31	IP24/1	84.09	3331.97	0 ° 4 ' 17 "L	6.90	250631.4208	2401969.5236	21°42'13.16"	72°35'22.64"
32	IP24/2	104.18	3436.15	0 ° 10 ' 48 "R	6.83	250706.1152	2402042.1551	21°42'15.55"	72°35'25.2"
33	IP24/3	119.08	3555.23	0 ° 7 ' 27 "R	7.19	250791.7430	2402124.8964	21°42'18.29"	72°35'28.13"
34	IP24/4	122.64	3677.87	0 ° 0 ' 56 "R	7.42	250880.1234	2402209.9274	21°42'21.09"	72°35'31.16"
35	IP24/5	204.81	3882.68	0 ° 8 ' 28 "L	7.97	251027.7569	2402351.8890	21°42'25.78"	72°35'36.22"
36	IP24/6	214.98	4097.66	0 ° 15 ' 46 "R	5.81	251182.3487	2402501.2759	21°42'30.72"	72°35'41.51"
37	IP24/7	194.62	4292.28	0 ° 0 ' 0 "	5.96	251322.9169	2402635.8705	21°42'35.16"	72°35'46.33"
38	IP24/8	194.61	4486.89	2 ° 39 ' 8 "R	6.10	251463.4850	2402770.4651	21°42'39.61"	72°35'51.14"
39	IP24/9	28.85	4515.74	2 ° 45 ' 58 "L	6.42	251485.2222	2402789.4305	21°42'40.23"	72°35'51.89"
40	IP24/10	220.06	4735.80	1 ° 23 ' 56 "L	6.14	251643.8687	2402941.9410	21°42'45.27"	72°35'57.32"
41	IP24/11	59.14	4794.94	0 ° 55 ' 26 "R	5.73	251685.4884	2402983.9536	21°42'46.66"	72°35'58.75"
42	TP25	230.61	5025.55	36 ° 30 ' 52 "R	5.74	251850.4048	2403145.1432	21°42'51.98"	72°36'4.4"

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	R.L. (m)	EASTING	NORTHING	LATITUDE	LONGITUDE
43	TP26	44.44	5069.99	26 ° 8 ' 21 "R	6.25	251894.4368	2403151.1989	21°42'52.2"	72°36'5.92"
44	TP27	31.51	5101.50	14 ° 21 ' 21 "L	6.14	251924.3497	2403141.3012	21°42'51.89"	72°36'6.97"
45	TP28	128.83	5230.33	17 ° 37 ' 14 "R	6.30	252052.8731	2403132.4205	21°42'51.67"	72°36'11.44"
46	TP29	22.90	5253.23	17 ° 3 ' 16 "L	6.27	252074.1693	2403124.0002	21°42'51.4"	72°36'12.19"
47	IP29/1	185.49	5438.72	2 ° 33 ' 59 "R	6.03	252259.0802	2403109.3863	21°42'51.02"	72°36'18.63"
48	IP29/2	117.38	5556.10	0 ° 55 ' 13 "L	6.40	252375.5657	2403094.9078	21°42'50.61"	72°36'22.69"
49	IP29/3	69.07	5625.17	0 ° 22 ' 14 "L	6.59	252444.2350	2403087.4904	21°42'50.4"	72°36'25.08"
50	IP29/4	191.12	5816.29	1 ° 2 ' 22 "L	6.25	252634.3771	2403068.1953	21°42'49.87"	72°36'31.7"
51	IP29/5	155.17	5971.46	1 ° 12 ' 18 "R	5.88	252789.0160	2403055.3324	21°42'49.53"	72°36'37.09"
52	IP29/6	223.76	6195.22	1 ° 1 ' 34 "L	5.98	253011.5657	2403032.0994	21°42'48.89"	72°36'44.84"
53	TP30	178.01	6373.23	8 ° 49 ' 25 "R	6.00	253188.9162	2403016.7898	21°42'48.48"	72°36'51.01"
54	TP31	196.66	6569.89	3 ° 45 ' 49 "R	6.00	253379.9297	2402970.0230	21°42'47.06"	72°36'57.68"
55	TP32	122.40	6692.29	38 ° 50 ' 28 "R	6.81	253496.6520	2402933.1738	21°42'45.92"	72°37'1.76"
56	TP33	61.12	6753.41	51 ° 7 ' 21 "L	7.55	253530.5124	2402882.2831	21°42'44.28"	72°37'2.97"
57	IP33/1	42.87	6796.28	0 ° 43 ' 55 "L	7.66	253573.1961	2402878.3689	21°42'44.17"	72°37'4.45"
58	IP33/2	99.02	6895.30	2 ° 29 ' 11 "L	6.58	253671.9189	2402870.5861	21°42'43.97"	72°37'7.89"
59	IP33/3	178.72	7074.02	1 ° 6 ' 41 "R	6.10	253850.5188	2402864.2828	21°42'43.86"	72°37'14.1"
60	TP34	171.81	7245.83	3 ° 48 ' 51 "L	6.37	254022.0784	2402854.8931	21°42'43.64"	72°37'20.08"
61	IP34/1	66.37	7312.20	0 ° 7 ' 19 "R	7.22	254088.4380	2402855.6822	21°42'43.7"	72°37'22.38"
62	IP34/2	112.91	7425.11	1 ° 4 ' 42 "L	6.60	254201.3435	2402856.7843	21°42'43.79"	72°37'26.31"
63	IP34/3	116.20	7541.31	0 ° 52 ' 52 "R	5.98	254317.4958	2402860.1053	21°42'43.95"	72°37'30.35"
64	IP34/4	261.50	7802.81	1 ° 45 ' 40 "L	5.99	254578.9781	2402863.5587	21°42'44.2"	72°37'39.44"
65	IP34/5	262.24	8065.05	0 ° 14 ' 23 "R	6.55	254840.9609	2402875.0787	21°42'44.7"	72°37'48.54"
66	TP35	316.17	8381.22	88 ° 4 ' 39 "L	7.24	255156.8835	2402887.6457	21°42'45.27"	72°37'59.52"
67	TP36	39.42	8420.64	89 ° 31 ' 42 "R	6.80	255156.6389	2402927.0591	21°42'46.55"	72°37'59.49"

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	R.L. (m)	EASTING	NORTHING	LATITUDE	LONGITUDE
68	TP37	240.42	8661.06	59 ° 16 ' 41 "R	6.53	255397.0381	2402930.5302	21°42'46.78"	72°38'7.85"
69	TP38	23.51	8684.57	19 ° 45 ' 48 "L	6.59	255409.3417	2402910.4912	21°42'46.14"	72°38'8.29"
70	TP39	17.01	8701.58	37 ° 2 ' 2 "L	6.37	255422.6165	2402899.8608	21°42'45.8"	72°38'8.76"
71	IP39/1	39.04	8740.62	2 ° 8 ' 33 "L	6.33	255461.6405	2402898.7342	21°42'45.78"	72°38'10.12"
72	IP39/2	214.53	8955.15	1 ° 13 ' 46 "R	6.14	255676.1617	2402900.5651	21°42'45.95"	72°38'17.58"
73	IP39/3	166.85	9122.00	0 ° 0 ' 1 "L	6.40	255842.9933	2402898.4088	21°42'45.96"	72°38'23.38"
74	IP39/4	166.82	9288.82	0 ° 11 ' 16 "L	6.60	256009.8004	2402896.2539	21°42'45.97"	72°38'29.18"
75	IP39/5	170.64	9459.46	1 ° 25 ' 17 "L	6.86	256180.4372	2402894.6091	21°42'46"	72°38'35.12"
76	TP40	141.03	9600.49	86 ° 51 ' 19 "R	6.43	256321.4517	2402896.7485	21°42'46.14"	72°38'40.02"
77	IP40/1	178.48	9778.97	0 ° 0 ' 0 "	7.33	256333.9442	2402718.7130	21°42'40.36"	72°38'40.55"
78	IP40/2	178.47	9957.44	1 ° 23 ' 20 "L	7.85	256346.4367	2402540.6772	21°42'34.58"	72°38'41.08"
79	IP40/3	98.14	10055.58	2 ° 52 ' 30 "R	8.18	256355.6770	2402442.9723	21°42'31.41"	72°38'41.45"
80	TP41	32.60	10088.18	89 ° 53 ' 12 "L	8.24	256357.1145	2402410.4066	21°42'30.36"	72°38'41.52"
81	IP41/1	278.25	10366.43	0 ° 0 ' 0 "	8.15	256635.1178	2402422.1271	21°42'30.87"	72°38'51.18"
82	IP41/2	234.89	10601.32	0 ° 0 ' 0 "	7.96	256869.8010	2402432.0214	21°42'31.31"	72°38'59.33"
83	TP42	255.89	10857.21	90 ° 48 ' 40 "	8.02	257125.4661	2402442.8002	21°42'31.79"	72°39'8.22"
84	TP43	48.96	10906.17	83 ° 8 ' 54 "L	8.32	257126.8358	2402393.8590	21°42'30.2"	72°39'8.29"
85	TP44	22.08	10928.25	6 ° 15 ' 44 "L	7.96	257148.8263	2402391.8389	21°42'30.14"	72°39'9.06"
86	TP45	140.49	11068.74	88 ° 28 ' 52 "L	8.62	257289.2908	2402394.3239	21°42'30.29"	72°39'13.94"
87	TP46	78.67	11147.41	86 ° 50 ' 49 "R	8.45	257289.9846	2402472.9889	21°42'32.85"	72°39'13.93"
88	IP46/1	172.95	11320.36	1 ° 40 ' 48 "R	8.42	257462.7524	2402480.9787	21°42'33.2"	72°39'19.93"
89	IP46/2	70.21	11390.57	0 ° 51 ' 40 "L	8.25	257532.9485	2402482.1645	21°42'33.27"	72°39'22.37"
90	IP46/3	93.61	11484.18	0 ° 5 ' 46 "R	8.15	257626.5166	2402485.1524	21°42'33.41"	72°39'25.62"
91	IP46/4	210.93	11695.11	0 ° 19 ' 6 "L	7.90	257837.3493	2402491.5307	21°42'33.72"	72°39'32.95"
92	TP47	146.88	11841.99	11 ° 55 ' 22 "L	7.70	257984.1277	2402496.7872	21°42'33.97"	72°39'38.05"

Sr. No.	TP - IP PILLAR NO.	DISTANCE (m)	CHAINAGE(m)	DEFLECTION ANGLE DEG MIN SEC	R.L. (m)	EASTING	NORTHING	LATITUDE	LONGITUDE
93	TP48	64.84	11906.83	4 ° 39 ' 34 "L	7.86	258047.0509	2402512.4450	21°42'34.51"	72°39'40.23"
94	IP48/1	160.68	12067.51	0 ° 0 ' 0 "	7.86	258199.3141	2402563.7853	21°42'36.25"	72°39'45.5"
95	TP49	145.11	12212.62	97 ° 48 ' 8 "R	7.76	258336.8179	2402610.1490	21°42'37.82"	72°39'50.26"
96	TP50	59.85	12272.47	14 ° 21 ' 8 "R	7.19	258348.0644	2402551.3652	21°42'35.92"	72°39'50.68"
97	IP50/1	163.54	12436.01	0 ° 14 ' 15 "L	7.87	258338.0202	2402388.1399	21°42'30.61"	72°39'50.42"
98	TP51	139.85	12575.86	26 ° 6 ' 55 "R	7.73	258330.0090	2402248.5165	21°42'26.07"	72°39'50.21"
99	TP52	78.15	12654.01	25 ° 47 ' 26 "L	7.63	258291.6457	2402180.4306	21°42'23.84"	72°39'48.91"
100	TP53	23.11	12677.12	28 ° 39 ' 10 "L	7.53	258290.1910	2402157.3651	21°42'23.09"	72°39'48.88"
101	TP54	151.17	12828.29	90 ° 57 ' 44 "	7.30	258354.1806	2402020.4134	21°42'18.67"	72°39'51.17"
102	TP55	282.18	13110.47	90 ° 12 ' 41 "	6.78	258607.7951	2402144.1427	21°42'22.81"	72°39'59.93"
103	TP56	97.79	13208.26	89 ° 27 ' 17 "L	6.36	258650.3480	2402056.0976	21°42'19.97"	72°40'1.45"
104	TP57	5.66	13213.92	90 ° 39 ' 11 "R	6.36	258655.4646	2402058.5107	21°42'20.05"	72°40'1.63"
105	TP58	18.71	13232.63	24°35'48"R	6.46	258663.2513	2402041.5004	21°42'19.5"	72°40'1.91"
106	TP59	142.97	13375.60	24°35'48"L	6.46	258663.2513	2401898.5253	21°42'14.86"	72°40'1.98"
107	TP60	6.56	13382.16	79 ° 9 ' 56 "R	6.46	258669.8098	2401898.5126	21°42'14.86"	72°40'2.21"
108	TP61	17.76	13399.92	0 ° 0 ' 0 "	6.56	258673.1146	2401881.0617	21°42'14.29"	72°40'2.34"

Note : As per directives from DCTL, chainages are considered from boundary wall of RIL, hence length inside RIL is not included

ANNEXURE - V(A)**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited(DCTL)****LIST OF ALL CROSSINGS FALLING ON THE ROUTE OF PIPELINE**

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
1	ROAD	ASPHALT ROAD GIDC (DAHEJ TO PLL)	0.00	42.04	42.04	248205.8621	2400649.2569
2	CABLE	11KV POWER CABLE TORRENT	1.45	-	-	248205.5909	2400650.6813
3	PIPELINE	EX.16"Ø GACL EFFLUENT PIPELINE	39.83	-	-	248198.4113	2400688.3838
4	POWER LINE	11KV POWER LINE	41.83	-	-	248198.0372	2400690.3485
5	PIPELINE	EX. 1000mmØ EFFLUENT LINE GIDC	44.72	-	-	248197.4966	2400693.1875
6	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	47.87	-	-	248196.9073	2400696.2819
7	PIPELINE	PROPOSED EFFLUENT LINE_GACL DAHEJ	51.07	-	-	248196.3087	2400699.4254
8	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	64.97	-	-	248193.7085	2400713.0800
9	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	66.86	-	-	248193.3550	2400714.9367
10	CONVEYOR	PROPOSED ADANI POWER CONVEYOR	69.60	84.60	15.00	248192.8424	2400717.6283
11	PIPELINE	EX.250mm D.I. WSPL ADANI	70.31	-	-	248192.7096	2400718.3258
12	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK PHENOLICS -D1	85.65	87.65	2.00	248189.8401	2400733.3950
13	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	99.63	-	-	248187.2249	2400747.1282
14	PIPELINE	EX.88.9mm Ø LIQ.HYDROGEN P/L MEGHMANI TO AARTI	103.52	-	-	248186.4972	2400750.9495
15	PIPELINE	EX.4" Ø ETHANE P/L RIL DMD TO SRF	105.89	-	-	248186.0539	2400753.2777
16	PIPELINE	U/C.10"Ø CAUSTIC P/L CH-17 TO GCPL	109.50	-	-	248185.3786	2400756.8240
17	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	113.63	-	-	248184.6060	2400760.8811
18	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	121.83	-	-	248183.0721	2400768.9363

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
19	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	122.83	-	-	248182.8850	2400769.9187
20	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	125.17	-	-	248182.4473	2400772.2174
21	H.T. POWER LINE	225kv H.T. POWER LINE	144.06	-	-	248179.0852	2400790.7962
22	CABLE	ADANI 66KV GETCO CABLE	161.95	-	-	248177.8267	2400808.6419
23	CORRIDOR	ADANI 66KV POWER CORRIDOR (18m)	162.46	180.72	18.26	248177.7908	2400809.1506
24	H.T. POWER LINE	ADANI 66KV POWER LINE	169.10	-	-	248177.3238	2400815.7742
25	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	450.60	453.42	2.82	248430.4589	2400894.9234
26	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	453.42	456.25	2.83	248431.9955	2400897.2879
27	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	827.32	-	-	248799.8199	2400950.0778
28	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1023.40	-	-	248989.0564	2400995.9529
29	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1024.40	-	-	248990.0049	2400996.2696
30	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	1033.79	-	-	248998.9114	2400999.2441
31	DRAIN	DRAIN	1081.85	1084.39	2.54	249044.4964	2401014.4679
32	PIPELINE	EX.14"Ø DKPL (IOCL)	1104.62	-	-	249065.3690	2401023.4831
33	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1109.53	-	-	249069.8062	2401025.5853
34	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1110.53	-	-	249070.7099	2401026.0134
35	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	1154.46	-	-	249110.4102	2401044.8213
36	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	1161.38	-	-	249116.6639	2401047.7839
37	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	1192.67	-	-	249146.5716	2401053.5271
38	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	1195.04	-	-	249148.9410	2401053.4735
39	PIPELINE	EX 14"Ø DKPL (IOCL)	1200.37	-	-	249154.2696	2401053.3530
40	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	1207.92	-	-	249161.8177	2401053.1823
41	ROAD	ASPHALT ROAD (LNG DAHEJ-DAHEJ RAILWAY STATION) (to Dahej)	1215.48	1257.07	41.59	249169.3758	2401053.0114
42	PIPELINE	EX.400mmØ GACL EFFLUENT PL	1217.22	-	-	249171.1153	2401052.9721
43	POWER LINE	11Kv POWER LINE	1217.27	-	-	249171.1653	2401052.9710



Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
44	CORRIDOR	PROPOSED ADANI CORRIDOR	1220.10	1271.68	51.58	249173.9946	2401052.9070
45	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1222.40	-	-	249176.2940	2401052.8550
46	PIPELINE	EX.400mmØ GAEL EFFLUENT PL	1247.39	-	-	249201.2776	2401052.2900
47	CABLE	U/G 11KV CABLE	1249.51	-	-	249203.3971	2401052.2420
48	PIPELINE	EX. WSPL	1252.47	-	-	249206.3563	2401052.1751
49	H.T. LINE	66kv GETCO H.T. LINE ADANI PORT	1261.23	-	-	249215.1141	2401051.9771
50	PIPELINE	EX.4"Ø PROPYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1271.15	-	-	249225.0316	2401051.7528
51	PIPELINE	EX.6" Ø NAPHTHA PIPELINE (DAHEJ - VADODARA) (RIL)	1272.06	-	-	249225.9413	2401051.7322
52	PIPELINE	EX.6"Ø ETHYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1272.90	-	-	249226.7811	2401051.7132
53	CABLE	EX.2"Ø OFC CABLE(RIL)	1274.03	-	-	249227.9108	2401051.6877
54	CABLE	66KV POWER CABLE ADANI	1277.00	-	-	249230.8801	2401051.6205
55	PIPELINE	EX.26"Ø SEMI RICH P/L (RIL)	1279.77	-	-	249233.6494	2401051.5579
56	PIPELINE	EX.24"Ø LEAN GAS P/L (RIL)	1281.53	-	-	249235.4089	2401051.5181
57	PIPELINE	EX.16" DIA GAEL EFFLUENT PIPELINE	1287.09	-	-	249240.9675	2401051.3924
58	PIPELINE	PROPOSED EFFLUENT LINE_GAEL DAHEJ	1297.28	-	-	249251.1549	2401051.1620
59	CART TRACK	CART TRACK	1387.63	1392.49	4.86	249336.4087	2401080.6247
60	H.T. LINE	225kv H.T. POWER LINE	1579.23	-	-	249517.2431	2401134.3278
61	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1590.92	-	-	249528.4771	2401131.0947
62	PIPELINE	EX. 200mmØ HDPE EFFLUENT LINE BASF	1593.49	-	-	249530.9469	2401130.3840
63	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1597.15	-	-	249534.4641	2401129.3718
64	PIPELINE	EX. PIPELINE	1604.00	-	-	249541.0469	2401127.4773
65	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1610.93	-	-	249547.7066	2401125.5607
66	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1611.93	-	-	249548.6676	2401125.2841
67	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	1614.63	-	-	249551.2623	2401124.5374
68	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK PHENOLICS -D1	1618.36	1621.91	3.55	249554.8468	2401123.5058
69	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	1626.55	-	-	249562.7174	2401121.2408
70	CONVEYOR	PROPOSED CONVEYOR BELT DEEPAK PHENOLICS -D1	1646.38	1653.00	6.62	249579.2879	2401129.6603
71	PIPELINE	EX. 110mm DIA HDPE EFFLUENT LINE BASF	1732.57	-	-	249645.4110	2401183.7358

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
72	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1735.32	-	-	249646.8235	2401186.0954
73	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	2006.78	-	-	249891.1247	2401300.7895
74	PIPELINE	EX. 110mm DIA HDPE EFFLUENT LINE BASF	2009.16	-	-	249893.4932	2401300.5550
75	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	2018.03	2022.11	4.08	249902.3200	2401299.6811
76	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	2022.11	2026.20	4.09	249906.3802	2401299.2791
77	PIPELINE	EX. 250mmØ DI. WSPL ADANI	2059.59	-	-	249943.6778	2401295.5864
78	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2084.50	-	-	249968.4666	2401293.1322
79	PIPELINE	EX.800 MM DIA HDPE WSPL	2107.89	-	-	249991.7428	2401290.8277
80	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline from RIL DMD To (NFASL)	2110.86	-	-	249994.6984	2401290.5351
81	PIPELINE	Proposed RIL TO GFL VCM Pipeline	2114.52	-	-	249998.3405	2401290.1745
82	PIPELINE	Ex.10"Ø CAUSTIC CH-17 TO GCPL	2119.20	-	-	250002.9978	2401289.7134
83	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2122.94	-	-	250006.7196	2401289.3449
84	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2126.56	-	-	250010.3220	2401288.9882
85	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	2132.31	-	-	250016.0440	2401288.4217
86	PIPELINE	EX. 48" Ø GAIL DVVPL II GAS LINE	2136.72	-	-	250020.4325	2401287.9872
87	PIPELINE	EX. WSPL	2163.92	-	-	250047.2815	2401289.7384
88	PIPELINE	Ex. 600mm Ø GIDC WSPL	2187.33	-	-	250070.2371	2401294.3281
89	POWER LINE	11KV POWER LINE	2189.59	-	-	250072.4533	2401294.7712
90	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2190.38	-	-	250073.2279	2401294.9261
91	ROAD	RCC ROAD (PLL DAHEJ TO DAHEJ)	2191.38	2287.18	95.80	250074.2085	2401295.1221
92	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO JAGESHWAR SECTION)	2205.79	-	-	250088.3389	2401297.9473
93	POWER LINE	11KV POWER LINE	2215.54	-	-	250097.8997	2401299.8589
94	PIPELINE	EX.48"Ø RIL WATER SUPPLY PIPELINE	2256.13	-	-	250137.7019	2401307.8168
95	CABLE	U/G 33KV CABLE LINE (TPL)	2297.19	-	-	250177.9650	2401315.8669

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
96	PIPELINE	PROPOSED EFFLUENT LINE (4 NO) NOCIL, DPL, DNL,BASF CORRIDOR (AMAR FIBROCATÉ)	2347.41	2349.21	1.80	250226.0683	2401329.7031
97	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	2381.26	-	-	250257.7460	2401341.6340
98	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	2431.89	-	-	250306.7077	2401354.0329
99	PIPELINE	Ex.12"Ø REPL DNEPL	2436.79	-	-	250311.5053	2401355.0293
100	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	2469.87	-	-	250343.8941	2401361.7564
101	POWER LINE	11KV POWER LINE	2489.12	-	-	250362.7418	2401365.6711
102	ROAD	ASPHALT ROAD (TO AMBETHA)	2492.75	2510.52	17.77	250366.2960	2401366.4092
103	POWER LINE	11KV POWER LINE	2519.18	-	-	250392.1737	2401371.7840
104	PIPELINE	EX 6"Ø GGL CGD PL	2521.83	-	-	250394.7683	2401372.3229
105	PIPELINE	EX.6"Ø GAS P/L GSPL TERMINAL TO GFL	2526.41	-	-	250399.2526	2401373.2543
106	H.T. LINE	66KV HT LINE	2534.08	-	-	250406.7624	2401374.8140
107	PIPELINE	EX. 42"Ø DVPL GAS PIPELINE (GAIL)	2572.63	-	-	250439.0477	2401386.5816
108	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2583.08	-	-	250437.8113	2401396.9582
109	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2584.08	-	-	250437.6930	2401397.9512
110	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	2583.90	2586.00	2.10	250437.7143	2401397.7725
111	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	2586.00	2588.10	2.10	250437.4659	2401399.8577
112	H.T. LINE	H.T. Power Line	2719.41	-	-	250555.6400	2401456.9742
113	CABLE	66KV HT CABLE GETCO TO DEEPAK	2725.97	-	-	250561.6100	2401459.6932
114	H.T. LINE	H.T. Power Line	2736.49	-	-	250571.1838	2401464.0535
115	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	2849.41	-	-	250624.6927	2401526.0565
116	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2852.68	-	-	250623.9743	2401529.2466
117	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2854.25	-	-	250623.6293	2401530.7782
118	PIPELINE	Ex.10"Ø CAUSTIC P/L NALCO TO GCPL	2855.59	-	-	250623.3349	2401532.0855
119	POWER LINE	11KV POWER LINE	2864.91	-	-	250621.2870	2401541.1777
120	PIPELINE	EX.200mm Ø HDPE EFFLUENT LINE (BASF)	2869.06	-	-	250620.3752	2401545.2263



Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
121	PIPELINE	EX.6"Ø GAS P/L GSPL TERMINAL TO GFL	2870.04	-	-	250620.1599	2401546.1823
122	PIPELINE	EX.800mm Ø GRP HINDALCO WATER SUPPLY LINE	2873.20	-	-	250619.4655	2401549.2651
123	PIPELINE	EX.600mm Ø GRP HINDALCO WATER SUPPLY LINE	2875.23	-	-	250619.0195	2401551.2455
124	PIPELINE	EX 6"Ø GGL GAS PL FROM CNG TO GFL DAHEJ	2877.07	-	-	250618.6152	2401553.0405
125	POWER LINE	11KV POWER LINE	2887.01	-	-	250616.4311	2401562.7376
126	CABLE	33&11 KV U/G CABLE TPL	2889.17	-	-	250615.9565	2401564.8448
127	PIPELINE	EX. 12"Ø D.I. WSPL GCPL	2893.14	-	-	250615.0842	2401568.7178
128	ROAD	ASPHALT ROAD (TO GACL DAHEJ)	2894.12	2934.62	40.50	250614.8689	2401569.6739
129	PIPELINE	PROPOSED EFFLUENT LINE_GACL DAHEJ	2901.25	-	-	250613.3023	2401576.6296
130	PIPELINE	EX. 16"Ø GACL EFFLUENT PIPELINE (GACL)	2903.25	-	-	250612.8628	2401578.5807
131	H.T.LINE	H.T. POWER LINE	2909.26	-	-	250611.5423	2401584.4439
132	POWER LINE	11Kv POWER LINE	2936.64	-	-	250605.5263	2401611.1548
133	CABLE	66kv U/G CABLE HEMANI (GETCO)	2982.05	-	-	250595.6675	2401655.4796
134	PIPELINE	EX.2"Ø WSPL PVC GETCO	3075.66	-	-	250578.3376	2401747.4715
135	DRAIN	LINED DRAIN	3228.28	3235.23	6.95	250557.9418	2401896.4157
136	OFC CABLE	RJIL OFC CABLE	3243.25	-	-	250567.9620	2401907.5375
137	H.T.LINE	H.T. POWER LINE	3328.40	-	-	250628.8590	2401967.0387
138	H.T.LINE	H.T. POWER LINE	3367.94	-	-	250657.2098	2401994.6004
139	PIPELINE	EX. 12"Ø CAUSTIC PIPELINE GACL	4079.99	-	-	251169.6416	2402488.9964
140	PIPELINE	EX.10"Ø CAUSTIC P/L CH-17 TO GCPL	4086.94	-	-	251174.6394	2402493.8259
141	PIPELINE	EX.10"Ø CAUSTIC P/L GNAL TO CH-17	4090.70	-	-	251177.3432	2402496.4387
142	PIPELINE	EX. 6"Ø GACL PIPELINE	4095.59	-	-	251180.8597	2402499.8368
143	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	4504.64	-	-	251476.8588	2402782.1336
144	PIPELINE	EX. 12"Ø ETHANE RIL DNEPL	4507.64	-	-	251479.1194	2402784.1059
145	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	4510.59	-	-	251481.3423	2402786.0453

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
146	PIPELINE	EX.4" Ø .VCM CARBON STEEL PIPELINE FROM RIL DMD TO (NFASL)	4524.12	-	-	251491.2640	2402795.2387
147	PIPELINE	PROPOSED VCM PIPELINE (RIL TO GFL)	4526.40	-	-	251492.9077	2402796.8188
148	ROAD	RCC ROAD TO GACL DAHEJ (MAIN GATE)	4748.95	4778.79	29.84	251653.1211	2402951.2808
149	PIPELINE	EX.6" Ø GGL GAS PL CNG TO GFL DAHEJ	4762.24	-	-	251662.4743	2402960.7223
150	PIPELINE	Ex. 24" Ø GSPL-PDPL (PETRONET-DAHEJ)	4836.79	-	-	251715.4165	2403013.2054
151	PIPELINE	EX. 6"Ø GSPL (BCPL) GACL TO BIRLA COPPER	4852.81	-	-	251726.8731	2403024.4030
152	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	5033.68	-	-	251858.4614	2403146.2512
153	POWER LINE	11kv POWER LINE	5053.03	-	-	251877.6309	2403148.8876
154	H.T. LINE	220kv HIGH TENSION LINE	5099.40	-	-	251922.3542	2403141.9615
155	PIPELINE	Ex.8"Ø MDPE GAIL GAS P/L (JOLVA TO GACL)	5100.47	-	-	251923.3700	2403141.6253
156	PIPELINE	EX.8"Ø GSPL TERMINAL TO GGL CNG PUMP	5218.34	-	-	252040.9098	2403133.2472
157	CABLE	66kv U/G CABLE HEMANI (GETCO)	5224.00	-	-	252046.5564	2403132.8571
158	PIPELINE	U/C 24"Ø GACL WSPL	5246.25	-	-	252067.6762	2403126.5675
159	ROAD	ASPHALT ROAD TO SEZ (SH-6- GIDC)	5583.94	5615.52	31.58	252403.2432	2403091.9182
160	H.T. LINE	400kv HIGH TENSION LINE	5697.72	-	-	252516.4140	2403080.1658
161	PIPELINE	EX 88.9mmØ LIQ. HYDROGEN P/L MEGHMANI TO AARTI	5795.19	-	-	252613.3860	2403070.3254
162	PIPELINE	Ex.200mmØ PVC WATER SUPPLY PIPELINE	6017.40	-	-	252834.7059	2403050.5626
163	PIPELINE	EX 700mmØ EFFULENT PL VILAYAY GIDC	6428.82	-	-	253242.9104	2403003.5701
164	PIPELINE	EX.12"Ø WSPL	6486.80	-	-	253299.2270	2402989.7818
165	PIPELINE	250mm Ø HDPE LINE(GWSSB) (FROM RAHIYAD SUMP TO WADIA HEADWORKS)	6595.74	-	-	253404.5840	2402962.2396
166	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	6707.25	-	-	253504.9406	2402920.7164
167	PIPELINE	Ex.4" Ø. VCM CARBON STEEL PIPELINE(NFASL) FROM RIL DMD	6710.94	-	-	253506.9847	2402917.6442
168	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	6716.39	-	-	253510.0037	2402913.1068
169	PIPELINE	EX.4"Ø ETHYLENE P/L RIL DMD TO SRF	6719.90	-	-	253511.9480	2402910.1846
170	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	6724.16	-	-	253514.3078	2402906.6379

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
171	PIPELINE	EX. 12"Ø REPL DNEPL	6732.13	-	-	253518.7227	2402900.0024
172	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	6742.56	-	-	253524.5004	2402891.3189
173	POWER LINE	11KV POWER LINE	6899.27	-	-	253675.8814	2402870.4463
174	ROAD	WBM ROAD TO MIRAS INDUSTRIES (SH-6- GIDC)	6901.56	6909.94	8.38	253678.1700	2402870.3655
175	PIPELINE	PROPOSED VCM PIPELINE (RIL To GFL)	7290.92	-	-	254067.1628	2402855.4292
176	ROAD	ROAD (SH-6- CETP)	7319.49	7329.55	10.06	254095.7309	2402855.7534
177	PIPELINE	EX. MEGHMANI EFFLUENT LINE (2m DEPTH)	7332.40	-	-	254108.6403	2402855.8794
178	PIPELINE	U/G DRAINAGE LINE	7359.52	-	-	254135.7590	2402856.1441
179	PIPELINE	EX 250mmØ PS A HDPE PIPELINE	7364.13	-	-	254140.3688	2402856.1891
180	PIPELINE	EX 250mm PS 2 HDPE PIPELINE	7365.27	-	-	254141.5087	2402856.2003
181	PIPELINE	EX GIDC PIPELINE	7365.54	-	-	254141.7787	2402856.2029
182	PIPELINE	EX 500mmØ PS 4 GIDC PIPELINE	7366.10	-	-	254142.3387	2402856.2084
183	PIPELINE	EX 500mmØ PS 5 1 GIDC EFFLUENT LINE	7368.62	-	-	254144.8586	2402856.2330
184	PIPELINE	EX 500mmØ PS 5 1 GIDC EFFLUENT LINE	7370.61	-	-	254146.8485	2402856.2524
185	PIPELINE	EX 250mmØ PS 5 1 GIDC EFFLUENT LINE	7374.45	-	-	254150.6883	2402856.2899
186	PIPELINE	EX GIDC PIPELINE	7376.85	-	-	254153.0882	2402856.3133
187	PIPELINE	EX 250mmØ PS 5 1 GIDC EFFLUENT LINE	7378.64	-	-	254154.8781	2402856.3308
188	PIPELINE	EX. WSPL	7381.79	-	-	254158.0279	2402856.3615
189	PIPELINE	ABOVEGROND 300mm Ø HDPE EFFLUENT PL	7407.97	-	-	254184.2067	2402856.6171
190	PIPELINE	EX EFFLUENT PIPELINE	7415.89	-	-	254192.1263	2402856.6944
191	PIPELINE	U C 300mmØ HDPE EFFLUENT PL TO NAVIN FLUORINE	7417.31	-	-	254193.5462	2402856.7083
192	PIPELINE	EX. 10"Ø LINDE TO MEGHMANI	7419.14	-	-	254195.3762	2402856.7261
193	PIPELINE	EX. 1000mmØ GIDC WATER LINE	7885.42	-	-	254661.5059	2402867.1876
194	ROAD	ASPHALT ROAD (TO GIDC)	7911.68	7964.61	52.93	254687.7405	2402868.3412
195	POWER LINE	11KV POWER LINE	7913.55	-	-	254689.6087	2402868.4234
196	POWER LINE	11KV POWER LINE	7916.47	-	-	254692.5259	2402868.5516
197	PIPELINE	EX. 4"Ø WATER LINE	7945.14	-	-	254721.1682	2402869.8111

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
198	PIPELINE	EX 800mm GIDC WSPL GRP	7951.87	-	-	254727.8917	2402870.1068
199	PIPELINE	EX.1000mmØ GIDC WATER LINE	7959.66	-	-	254735.6742	2402870.4490
200	CABLE	66kV U/G CABLE LUNA TO LINDE	7964.51	-	-	254740.5195	2402870.6620
201	CART TRACK	CART TRACK	8123.34	8128.28	4.94	254899.2064	2402877.3957
202	PIPELINE	EX.4"Ø WATER LINE	8225.19	-	-	255000.9759	2402881.4440
203	PIPELINE	EX 4 ETHYLENE PL RIL DMD TO SRF	8333.26	-	-	255108.9605	2402885.7396
204	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8341.95	-	-	255117.6436	2402886.0850
205	CABLE	ELECTRIC CABLE	8344.31	-	-	255120.0018	2402886.1788
206	CABLE	ELECTRIC CABLE	8344.51	-	-	255120.2016	2402886.1868
207	ROAD	ASPHALT ROAD (SH-6- SRF)	8348.58	8364.65	16.07	255124.2684	2402886.3485
208	PIPELINE	Ex.710mm Ø EFFLUENT P/L VILAYAT GIDC	8365.28	-	-	255140.9552	2402887.0123
209	H.T. LINE	66KV HT TOWER LINE	8398.01	-	-	255156.7793	2402904.4345
210	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	8647.79	-	-	255383.7702	2402930.3385
211	PIPELINE	EX.12"Ø REPL DNEPL	8651.41	-	-	255387.3898	2402930.3908
212	PIPELINE	PROPOSED VCM PIPELINE (RIL TO GFL)	8668.14	-	-	255400.7429	2402924.4961
213	PIPELINE	PROPOSED 8inch dia. ETP PIPELINE	8672.60	-	-	255403.0765	2402920.6953
214	H.T. LINE	66KV HT TOWER LINE	8694.76	-	-	255417.2925	2402904.1242
215	PIPELINE	Ex.710mm Ø EFFLUENT P/L VILAYAT GIDC	8715.70	-	-	255436.7300	2402899.4534
216	PIPELINE	EX. 6"Ø PVC WATER LINE	8747.70	-	-	255468.7193	2402898.7946
217	PIPELINE	EX. 300mm Ø WSPL	8769.11	-	-	255490.1286	2402898.9773
218	PIPELINE	U/C 500mm MS WSPL PL RESERVOIR TO SRF	8773.32	-	-	255494.3384	2402899.0133
219	PIPELINE	U/G DRAINAGE PIPELINE	8922.89	-	-	255643.9030	2402900.2898
220	ROAD	RCC ROAD (SH-6- SRF)	8940.49	8949.72	9.23	255661.5023	2402900.4400
221	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8950.23	-	-	255671.2420	2402900.5231
222	PIPELINE	EX. 3"Ø ONGC PIPELINE	8958.33	-	-	255679.3415	2402900.5240
223	PIPELINE	EX.4"Ø OIL LINE FROM #102 (DJAP) TO #176 (GGAA)	9298.79	-	-	256019.7735	2402896.1578
224	DRAIN	DRAIN	9534.69	9557.32	22.63	256255.6573	2402895.7503

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
225	ROAD	ASPHALT ROAD (SH-6- SUWA)	9557.32	9585.98	28.66	256278.2847	2402896.0936
226	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	9619.40	-	-	256322.7752	2402877.8868
227	CART TRACK	CART TRACK	9637.62	9657.52	19.90	256324.0505	2402859.7115
228	PIPELINE	EX.3" Ø GAS LIFT LINE (JOLWA GGS TO DJAP # 102)	9661.20	-	-	256325.7011	2402836.1893
229	PIPELINE	EX.4"Ø OIL LINE (DJAP # 102 TO JOLWA GGS)	9662.64	-	-	256325.8019	2402834.7529
230	PIPELINE	EX. 12"Ø REPL DNEPL	9970.32	-	-	256347.6495	2402527.8531
231	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	9973.32	-	-	256347.9320	2402524.8665
232	PIPELINE	PROPOSED RIL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	9983.14	-	-	256348.8566	2402515.0901
233	PIPELINE	EX. 12"Ø REPL DNEPL	9986.14	-	-	256349.1390	2402512.1034
234	ROAD	30m wide GIDC Road (to CSCI)	10064.29	10088.29	24.00	256356.0611	2402434.2704
235	CABLE	U/G CABLE LINE	10094.57	-	-	256363.5018	2402410.6759
236	H.T. LINE	220kv High Tension Line	10097.16	-	-	256366.0895	2402410.7850
237	CABLE	66KV POWER CABLE GETCO LUNA -SUVA	10103.36	-	-	256372.2840	2402411.0461
238	PIPELINE	EX.125MM PE GGL PIPELINE	10109.65	-	-	256378.5684	2402411.3111
239	PIPELINE	EX. NITROGEN GAS PIPELINE LINDE TO CHINA	10275.21	-	-	256543.9815	2402418.2847
240	POWER LINE	11KV POWER LINE	10352.21	-	-	256620.9132	2402421.5281
241	ROAD	ROAD TO CHINA STEEL (INDUSTRIES-CHINA STEEL)	10379.93	10408.40	28.47	256648.6086	2402422.6959
242	DRAIN	LINE DRAIN (ALONG GIDC ROAD)	10861.09	10862.01	0.92	257125.5746	2402438.9229
243	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	10878.03	-	-	257126.0485	2402421.9895
244	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	11105.24	-	-	257289.6127	2402430.8214
245	DRAIN	ASPHALTED ROAD GIDC (30M WIDE) (INDUSTRIES-INDUSTRIES)	11117.67	11147.41	29.74	257289.7223	2402443.2509
246	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL	11139.33	-	-	257289.9133	2402464.9101
247	PIPELINE	Proposed 8inch Dia. ETP Pipeline from DCTL to 40 MLD CETP	11144.30	-	-	257289.9572	2402469.8799
248	CART TRACK	CART TRACK	11323.46	11329.53	6.07	257465.8504	2402481.0310
249	PIPELINE	4"Ø OIL PL (ONGC)	11844.46	-	-	257986.5293	2402497.3848

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
250	POWER LINE	11KV POWER LINE	11868.05	-	-	258009.4212	2402503.0812
251	POWER LINE	11KV POWER LINE	12073.79	-	-	258205.2621	2402565.7908
252	PIPELINE	EX 500mm GIDC WSPL	12083.72	-	-	258214.6716	2402568.9635
253	PIPELINE	EX.8"Ø PCPIR GSPL GAS PL	12085.21	-	-	258216.0835	2402569.4396
254	ROAD	ASPHALTED ROAD GIDC (45M WIDE) (INDUSTRIES-INDUSTRIES)	12067.51	12115.91	48.40	258199.3113	2402563.7842
255	PIPELINE	EX.4"Ø GAS PL FROM GAIL SV TO KCL	12111.27	-	-	258240.7775	2402577.7660
256	PIPELINE	EX.710mm Ø EFFLUENT PIPELINE VILAYAT GIDC	12113.89	-	-	258243.2602	2402578.6031
257	DRAIN	LINED DRAIN GIDC	12117.89	12142.49	24.60	258247.0505	2402579.8811
258	PIPELINE	PROPOSED EFFLUENT FROM D2 DCTL TO GIDC PUMP NO-5	12164.01	-	-	258290.7531	2402594.6167
259	CABLE	66 KV GETCO CABLE TO GFL-2(2 LINE)	12150.07	-	-	258277.5438	2402590.1628
260	CABLE	66 KV GETCO CABLE TO GFL-2(2 LINE)	12150.95	-	-	258278.3777	2402590.4440
261	CABLE	66 KV GETCO CABLE (KILBURN)	12162.81	-	-	258289.6160	2402594.2333
262	PIPELINE	90 MLD 900mm 2 PL SAYKHA CETP TO Z-93 PLOT EFFLUENT PL CORRIDOR	12162.81	-	-	258287.7398	2402593.6007
263	PIPELINE	EX 32 INCH DGEN RAW WSPL GIDC RESERVOIR	12179.60	-	-	258305.5260	2402599.5979
264	H.T. LINE	220KV H.T. POWER LINE	12182.97	-	-	258308.7193	2402600.6746
265	CABLE	66 KV GETCO CABLE (SUVA-SAMBHETI 1&2)	12190.81	-	-	258316.1484	2402603.1795
266	CABLE	66 KV GETCO CABLE (SUVA-SAMBHETI 1&2)	12191.46	-	-	258316.7643	2402603.3872
267	PIPELINE	EX.1100MM DIA 8 MGD WSPL RIL	12195.08	-	-	258320.1946	2402604.5438
268	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12199.53	-	-	258324.4113	2402605.9656
269	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12203.48	-	-	258328.1543	2402607.2277
270	PIPELINE	EX 160mmHDPE EFFLUENT PL	12206.64	-	-	258331.1486	2402608.2373
271	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	12215.62	-	-	258337.3811	2402607.2053
272	PIPELINE	Proposed 4" Ø Hydrogen Line DCTL TO GNAL"	12217.65	-	-	258337.7625	2402605.2115
273	H.T. LINE	220KV H.T. POWER LINE	12221.17	-	-	258338.4240	2402601.7542
274	CABLE	66 KV GETCO CABLE (ATC Tires Pvt. Ltd.)	12225.48	-	-	258339.2339	2402597.5209

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
275	CABLE	66 KV GETCO CABLE (SUVA-GALENDA 1&2)	12227.82	-	-	258339.6736	2402595.2226
276	CABLE	66 KV GETCO CABLE (SUVA-GALENDA 1&2)	12228.42	-	-	258339.7863	2402594.6333
277	PIPELINE	EX.4"GAS PL FROM GAIL TERMINAL TO KCL	12229.67	-	-	258340.0212	2402593.4056
278	PIPELINE	EX.6"Ø CHINA STEEL GSPL GAS PL	12239.69	-	-	258341.9041	2402583.5641
279	PIPELINE	EX.24" Ø ADPL GSPL GAS LINE	12243.54	-	-	258342.6276	2402579.7827
280	PIPELINE	EX.1.344m Ø Product Water MS Line (L&T)	12261.02	-	-	258345.9122	2402562.6141
281	PIPELINE	PROPOSED 350mm Ø DI EFFLUENT PIPELINE GNFC	12281.71	-	-	258347.4971	2402542.1455
282	PIPELINE	EX.4"Ø GNXM(#201) - DAHEJ GGS (OIL)	12446.21	-	-	258337.4357	2402377.9536
283	PIPELINE	3"Ø Gas line from #299 (GNLB) to Jolva GGS	12463.31	-	-	258336.4562	2402360.8817
284	PIPELINE	3"Ø W.I. line from #299 (GNLB) to Jolva GGS	12479.62	-	-	258335.5219	2402344.5984
285	H.T. LINE	220KV H.T. POWER LINE	12599.35	-	-	258318.4779	2402228.0515
286	PIPELINE	EX 160mmHDPE EFFLUENT PL	12635.73	-	-	258300.6192	2402196.3565
287	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12638.72	-	-	258299.1514	2402193.7516
288	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12644.66	-	-	258296.2355	2402188.5765
289	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12684.42	-	-	258293.2806	2402150.7527
290	H.T. LINE	220KV H.T. POWER LINE	12688.48	-	-	258294.9993	2402147.0744
291	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12689.01	-	-	258295.2236	2402146.5942
292	PIPELINE	EX 160mmHDPE EFFLUENT PL	12691.58	-	-	258296.3115	2402144.2658
293	PIPELINE	PROPOSED RAW WSPL RESERVOIR TO D2-DCTL ROUTE	12697.71	-	-	258298.9065	2402138.7121
294	PIPELINE	Proposed Pipeline from D1 TO D2 3No's Pipeline (2m Wide)	12740.42	12742.43	2.01	258316.9862	2402100.0176
295	PIPELINE	Proposed 6" Ø GGL Gas Pipeline to DCTL	12746.27	-	-	258319.4626	2402094.7176
296	PIPELINE	EX 350mmØ EFFLUENT PIPELINE(ABOVEGROUND)	12760.76	-	-	258325.5964	2402081.5899
297	DRAIN	LINED DRAIN	12771.33	12782.93	11.60	258330.0708	2402072.0137
298	PIPELINE	EX 900mm EFFLUNT PL(ABOVEGROUND)	12788.58	-	-	258337.3730	2402056.3855
299	PIPELINE	EX.42"Ø DVPL GAIL GAS LINE	12797.06	-	-	258340.9627	2402048.7027
300	PIPELINE	EX.48"Ø DVVPL GAIL GAS LINE	12804.39	-	-	258344.0656	2402042.0619
301	PIPELINE	EX.4"Ø GNFC TO FILATEX GAIL GAS PIPELINE	12819.56	-	-	258350.4873	2402028.3181

Sr. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		Easting	Northing
302	PIPELINE	Proposed Pipeline From D1 TO D2 3No's Pipeline (2M Wide Corridor) (INSIDE DCTL)	12878.19	12880.19	2.00	258399.0326	2402042.2951
303	PIPELINE	EX.4"Ø ONGC P/L (FROM GNLB) (INSIDE DCTL)	12950.43	-	-	258463.9581	2402073.9699
304	PIPELINE	EX.4"Ø ONGC P/L (FROM GNLB) (INSIDE DCTL)	12958.03	-	-	258470.7886	2402077.3023
305	ROAD	SHIFTED ROAD 12M WIDE (INSIDE DCTL)	13111.89	13125.32	13.43	258608.4123	2402142.8656
306	PIPERACK	SPACE FOR PIPERACK/SLEEPERS (INSIDE DCTL)	13206.14	13215.75	9.61	258649.4252	2402058.0068
307	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	13215.75	13216.74	0.99	258656.2273	2402056.8446
308	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	13216.74	13217.25	0.51	258656.6394	2402055.9444
309	ROAD	9M WIDE ROAD (INSIDE DCTL)	13217.76	13228.46	10.70	258657.0639	2402055.0170
310	CABLE	ELECTRICAL & NON-ELECTRICAL CABLES (INSIDE DCTL)	13227.26	13229.26	2.00	258661.0181	2402046.3790
311	DRAIN	DRAIN (INSIDE DCTL)	13230.14	13231.14	1.00	258662.2168	2402043.7603
312	PIPELINE/CABLE	UG FACILITIES-STROM AND FIRE WATER-STREET LIGHT (INSIDE DCTL)	13231.14	13231.76	0.62	258662.6330	2402042.8511
313	ROAD	ACCESS WAY (INSIDE DCTL)	13264.33	13273.22	8.89	258663.2513	2402009.7958
314	ROAD	6m WIDE ROAD (INSIDE DCTL)	13304.33	13313.22	8.89	258663.2513	2401969.7958
315	ROAD	6m WIDE ROAD (INSIDE DCTL)	13386.50	13392.58	6.08	258670.6175	2401894.2475

Note: As per directives from DCTL, chainages are considered from boundary wall of RIL, hence crossings inside RIL is not included

ANNEXURE - V(B)**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited(DCTL)****LIST OF MAJOR CROSSINGS FALLING ON THE ROUTE OF PIPELINE**

MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
1	ROAD	ASPHALT ROAD GIDC (DAHEJ TO PLL)	0.00	42.04	42.04	248205.8621	2400649.2569
2	PIPELINE	EX.16"Ø GAEL EFFLUENT PIPELINE	39.83	-	-	248198.4113	2400688.3838
3	PIPELINE	EX. 1000mmØ EFFLUENT LINE GIDC	44.72	-	-	248197.4966	2400693.1875
4	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	47.87	-	-	248196.9073	2400696.2819
5	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	64.97	-	-	248193.7085	2400713.0800
6	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	66.86	-	-	248193.3550	2400714.9367
7	PIPELINE	EX.250mm D.I. WSPL ADANI	70.31	-	-	248192.7096	2400718.3258
8	PIPELINE	EX.88.9mm Ø LIQ.HYDROGEN P/L MEGHMANI TO AARTI	103.52	-	-	248186.4972	2400750.9495
9	PIPELINE	EX.4" Ø ETHANE P/L RIL DMD TO SRF	105.89	-	-	248186.0539	2400753.2777
10	PIPELINE	U/C.10"Ø CAUSTIC P/L NALCO TO GCPL	109.50	-	-	248185.3786	2400756.8240
11	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	113.63	-	-	248184.6060	2400760.8811
12	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	121.83	-	-	248183.0721	2400768.9363
13	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	125.17	-	-	248182.4473	2400772.2174
14	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	827.32	-	-	248799.8199	2400950.0778
15	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1023.40	-	-	248989.0564	2400995.9529
16	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	1033.79	-	-	248998.9114	2400999.2441
17	DRAIN	DRAIN	1081.85	1084.39	2.54	249044.4964	2401014.4679
18	PIPELINE	EX.14"Ø DKPL (IOCL)	1104.62	-	-	249065.3690	2401023.4831
19	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1109.53	-	-	249069.8062	2401025.5853



MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
20	PIPELINE	EX. 30" Ø DUPL GAS PIPELINE (GAIL)	1154.46	-	-	249110.4102	2401044.8213
21	PIPELINE	EX. 48" Ø DVVPL II GAS PIPELINE (GAIL)	1161.38	-	-	249116.6639	2401047.7839
22	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	1192.67	-	-	249146.5716	2401053.5271
23	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	1195.04	-	-	249148.9410	2401053.4735
24	PIPELINE	EX 14"Ø DKPL (IOCL)	1200.37	-	-	249154.2696	2401053.3530
25	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	1207.92	-	-	249161.8177	2401053.1823
26	PIPELINE	EX.400mmØ GACL EFFLUENT PL	1217.22	-	-	249171.1153	2401052.9721
27	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1222.40	-	-	249176.2940	2401052.8550
28	ROAD	ASPHALT ROAD (LNG DAHEJ-DAHEJ RAILWAY STATION) (to Dahej)	1215.48	1257.07	41.59	249169.3758	2401053.0114
29	PIPELINE	EX.400mmØ GACL EFFLUENT PL	1247.39	-	-	249201.2776	2401052.2900
30	PIPELINE	EX. WSPL	1252.47	-	-	249206.3563	2401052.1751
31	PIPELINE	EX.4"Ø PROPYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1271.15	-	-	249225.0316	2401051.7528
32	PIPELINE	EX.6" Ø NAPHTHA PIPELINE (DAHEJ - VADODARA) (RIL)	1272.06	-	-	249225.9413	2401051.7322
33	PIPELINE	EX.6"Ø ETHYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1272.90	-	-	249226.7811	2401051.7132
34	PIPELINE	EX.26"Ø SEMI RICH P/L (RIL)	1279.77	-	-	249233.6494	2401051.5579
35	PIPELINE	EX.24"Ø LEAN GAS P/L (RIL)	1281.53	-	-	249235.4089	2401051.5181
36	PIPELINE	EX.16" DIA GACL EFFLUENT PIPELINE	1287.09	-	-	249240.9675	2401051.3924
37	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1590.92	-	-	249528.4771	2401131.0947
38	PIPELINE	EX. 200mmØ HDPE EFFLUENT LINE BASF	1593.49	-	-	249530.9469	2401130.3840
39	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1597.15	-	-	249534.4641	2401129.3718
40	PIPELINE	EX. PIPELINE	1604.00	-	-	249541.0469	2401127.4773
41	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1610.93	-	-	249547.7066	2401125.5607
42	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	1614.63	-	-	249551.2623	2401124.5374
43	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	1626.55	-	-	249562.7174	2401121.2408
44	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	1732.57	-	-	249645.4110	2401183.7358
45	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1735.32	-	-	249646.8235	2401186.0954
46	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	2006.78	-	-	249891.1247	2401300.7895
47	PIPELINE	EX. 110mm DIA HDPE EFFLUENT LINE BASF	2009.16	-	-	249893.4932	2401300.5550

MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
48	PIPELINE	EX. 250mmØ DI. WSPL ADANI	2059.59	-	-	249943.6778	2401295.5864
49	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2084.50	-	-	249968.4666	2401293.1322
50	PIPELINE	EX.800 MM DIA HDPE WSPL	2107.89	-	-	249991.7428	2401290.8277
51	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline from RIL DMD To (NFASL)	2110.86	-	-	249994.6984	2401290.5351
52	PIPELINE	Ex.10"Ø CAUSTIC P/L NALCO TO GCPL	2119.20	-	-	250002.9978	2401289.7134
53	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2122.94	-	-	250006.7196	2401289.3449
54	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2126.56	-	-	250010.3220	2401288.9882
55	PIPELINE	EX. 48" Ø GAIL DVVPL II GAS LINE	2136.72	-	-	250020.4325	2401287.9872
56	PIPELINE	EX. WSPL	2163.92	-	-	250047.2815	2401289.7384
57	PIPELINE	Ex. 600mm Ø GIDC WSPL	2187.33	-	-	250070.2371	2401294.3281
58	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2190.38	-	-	250073.2279	2401294.9261
59	ROAD	RCC ROAD (PLL DAHEJ TO DAHEJ)	2191.38	2287.18	95.80	250074.2085	2401295.1221
60	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO JAGESHWAR SECTION)	2205.79	-	-	250088.3389	2401297.9473
61	PIPELINE	EX.48"Ø RIL WATER SUPPLY PIPELINE	2256.13	-	-	250137.7019	2401307.8168
62	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	2381.26	-	-	250257.7460	2401341.6340
63	PIPELINE	Ex.12"Ø REPL DNEPL	2436.79	-	-	250311.5053	2401355.0293
64	PIPELINE	EX. 48" Ø DVVPL II GAS PIPELINE (GAIL)	2469.87	-	-	250343.8941	2401361.7564
65	ROAD	ASPHALT ROAD (TO AMBHETA)	2492.75	2510.52	17.77	250366.2960	2401366.4092
66	PIPELINE	EX 6" Ø GGL CGD PL	2521.83	-	-	250394.7683	2401372.3229
67	PIPELINE	EX.6" Ø GAS P/L GSPL TERMINAL TO GFL	2526.41	-	-	250399.2526	2401373.2543
68	PIPELINE	EX. 42" Ø DVPL GAS PIPELINE (GAIL)	2572.63	-	-	250439.0477	2401386.5816
69	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2583.08	-	-	250437.8113	2401396.9582
70	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2852.68	-	-	250623.9743	2401529.2466
71	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2854.25	-	-	250623.6293	2401530.7782
72	PIPELINE	Ex.10"Ø CAUSTIC P/L NALCO TO GCPL	2855.59	-	-	250623.3349	2401532.0855
73	PIPELINE	EX.200mm Ø HDPE EFFLUENT LINE (BASF)	2869.06	-	-	250620.3752	2401545.2263
74	PIPELINE	EX.6" Ø GAS P/L GSPL TERMINAL TO GFL	2870.04	-	-	250620.1599	2401546.1823
75	PIPELINE	EX.800mm Ø GRP HINDALCO WATER SUPPLY LINE	2873.20	-	-	250619.4655	2401549.2651

MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
76	PIPELINE	EX.600mm Ø GRP HINDALCO WATER SUPPLY LINE	2875.23	-	-	250619.0195	2401551.2455
77	PIPELINE	EX 6" Ø GGL GAS PL FROM CNG TO GFL DAHEJ	2877.07	-	-	250618.6152	2401553.0405
78	PIPELINE	EX. 12"Ø D.I. WSPL GCPL	2893.14	-	-	250615.0842	2401568.7178
79	ROAD	ASPHALT ROAD (TO GACL DAHEJ)	2894.12	2934.62	40.50	250614.8689	2401569.6739
80	PIPELINE	EX. 16" Ø GACL EFFLUENT PIPELINE (GACL)	2903.25	-	-	250612.8628	2401578.5807
81	PIPELINE	EX.2"Ø WSPL PVC GETCO	3075.66	-	-	250578.3376	2401747.4715
82	PIPELINE	EX. 12" Ø CAUSTIC PIPELINE GACL	4079.99	-	-	251169.6416	2402488.9964
82A	PIPELINE	EX.10"Ø CAUSTIC P/L CH-17 TO GCPL	4086.94	-	-	251174.6394	2402493.8259
82B	PIPELINE	EX.10"Ø CAUSTIC P/L GNAL TO CH-17	4090.70	-	-	251177.3432	2402496.4387
83	PIPELINE	EX. 6"Ø GACL PIPELINE	4095.59	-	-	251180.8597	2402499.8368
84	PIPELINE	EX. 12" Ø REPL DNEPL	4507.64	-	-	251479.1194	2402784.1059
85	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	4510.59	-	-	251481.3423	2402786.0453
86	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline from RIL DMD To (NFASL)	4524.12	-	-	251491.2640	2402795.2387
87	ROAD	RCC ROAD TO GACL DAHEJ (MAIN GATE)	4748.95	4778.79	29.84	251653.1211	2402951.2808
88	PIPELINE	EX.6" Ø GGL GAS PL CNG TO GFL DAHEJ	4762.24	-	-	251662.4743	2402960.7223
89	PIPELINE	Ex. 24" Ø GSPL-PDPL (PETRONET-DAHEJ)	4836.79	-	-	251715.4165	2403013.2054
90	PIPELINE	EX. 6"Ø GSPL (BCPL) GACL TO BIRLA COPPER	4852.81	-	-	251726.8731	2403024.4030
91	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	5033.68	-	-	251858.4614	2403146.2512
92	PIPELINE	Ex.8" Ø MDPE GAIL GAS P/L (JOLVA TO GACL)	5100.47	-	-	251923.3700	2403141.6253
93	PIPELINE	EX.8"Ø GSPL TERMINAL TO GGL CNG PUMP	5218.34	-	-	252040.9098	2403133.2472
94	PIPELINE	U/C 24" Ø GACL WSPL	5246.25	-	-	252067.6762	2403126.5675
95	ROAD	ASPHALT ROAD TO SEZ (SH-6- GIDC)	5583.94	5615.52	31.58	252403.2432	2403091.9182
96	PIPELINE	EX 88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	5795.19	-	-	252613.3860	2403070.3254
97	PIPELINE	Ex.200mm Ø PVC Water Supply Pipeline	6017.40	-	-	252834.7059	2403050.5626
98	PIPELINE	EX 700mm Ø EFFULENT PL VILAYAY GIDC	6428.82	-	-	253242.9104	2403003.5701
99	PIPELINE	EX.12"Ø WSPL	6486.80	-	-	253299.2270	2402989.7818
100	PIPELINE	250mm Ø HDPE LINE(GWSSB) (from Rahiyad sump to Wadia Headworks)	6595.74	-	-	253404.5840	2402962.2396
101	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline (NFASL) From RIL DMD	6710.94	-	-	253506.9847	2402917.6442
102	PIPELINE	U/C.10"Ø CAUSTIC P/L GNAL TO GCPL	6716.39	-	-	253510.0037	2402913.1068

MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
103	PIPELINE	EX.4"Ø ETHYLENE P/L RIL DMD TO SRF	6719.90	-	-	253511.9480	2402910.1846
104	PIPELINE	EX.12"Ø REPL DNEPL	6732.13	-	-	253518.7227	2402900.0024
105	ROAD	WBM ROAD TO MIRAS INDUSTRIES (SH-6- GIDC)	6901.56	6909.94	8.38	253678.1700	2402870.3655
106	ROAD	ROAD (SH-6- CETP)	7319.49	7329.55	10.06	254095.7309	2402855.7534
107	PIPELINE	EX. MEGHMANI EFFLUENT LINE (2m DEPTH)	7332.40	-	-	254108.6403	2402855.8794
108	PIPELINE	U/G DRAINAGE LINE	7359.52	-	-	254135.7590	2402856.1441
109	PIPELINE	EX 250mm Ø PS A HDPE PIPELINE	7364.13	-	-	254140.3688	2402856.1891
110	PIPELINE	EX 250mm PS 2 HDPE PIPELINE	7365.27	-	-	254141.5087	2402856.2003
111	PIPELINE	EX GIDC PIPELINE	7365.54	-	-	254141.7787	2402856.2029
112	PIPELINE	EX 500mm Ø PS 4 GIDC PIPELINE	7366.10	-	-	254142.3387	2402856.2084
113	PIPELINE	EX 500mm Ø PS 5 1 GIDC EFFLUENT LINE	7368.62	-	-	254144.8586	2402856.2330
114	PIPELINE	EX 500mm Ø PS 5 1 GIDC EFFLUENT LINE	7370.61	-	-	254146.8485	2402856.2524
115	PIPELINE	EX 250mm Ø PS 5 1 GIDC EFFLUENT LINE	7374.45	-	-	254150.6883	2402856.2899
116	PIPELINE	EX GIDC PIPELINE	7376.85	-	-	254153.0882	2402856.3133
117	PIPELINE	EX 250mm Ø PS 5 1 GIDC EFFLUENT LINE	7378.64	-	-	254154.8781	2402856.3308
118	PIPELINE	EX. WSPL	7381.79	-	-	254158.0279	2402856.3615
119	PIPELINE	EX EFFLUENT PIPELINE	7415.89	-	-	254192.1263	2402856.6944
120	PIPELINE	U C 300mm Ø HDPE EFFLUENT PL TO NAVIN FLUORINE	7417.31	-	-	254193.5462	2402856.7083
121	PIPELINE	EX.10"Ø LINDE TO MEGHMANI	7419.14	-	-	254195.3762	2402856.7261
122	PIPELINE	EX.1000mm Ø GIDC WATER LINE	7885.42	-	-	254661.5059	2402867.1876
123	ROAD	ASPHALT ROAD (TO GIDC)	7911.68	7964.61	52.93	254687.7405	2402868.3412
124	PIPELINE	EX.4"Ø WATER LINE	7945.14	-	-	254721.1682	2402869.8111
125	PIPELINE	EX 800mm GIDC WSPL GRP	7951.87	-	-	254727.8917	2402870.1068
126	PIPELINE	EX.1000mm Ø GIDC WATER LINE	7959.66	-	-	254735.6742	2402870.4490
127	PIPELINE	EX.4"Ø WATER LINE	8225.19	-	-	255000.9759	2402881.4440
128	PIPELINE	EX 4 ETHYLENE PL RIL DMD TO SRF	8333.26	-	-	255108.9605	2402885.7396
129	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8341.95	-	-	255117.6436	2402886.0850
130	ROAD	ASPHALT ROAD (SH-6- SRF)	8348.58	8364.65	16.07	255124.2684	2402886.3485
131	PIPELINE	EX.710mm Ø EFFLUENT P/L VILAYAT GIDC	8365.28	-	-	255140.9552	2402887.0123

MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
132	PIPELINE	EX.12"Ø REPL DNEPL	8651.41	-	-	255387.3898	2402930.3908
133	PIPELINE	Ex.710mm Ø EFFLUENT P/L VILAYAT GIDC	8715.70	-	-	255436.7300	2402899.4534
134	PIPELINE	EX. 6"Ø PVC WATER LINE	8747.70	-	-	255468.7193	2402898.7946
135	PIPELINE	EX. 300mm Ø WSPL	8769.11	-	-	255490.1286	2402898.9773
136	PIPELINE	U/C 500mm MS WSPL PL RESERVOIR TO SRF	8773.32	-	-	255494.3384	2402899.0133
137	ROAD	RCC ROAD (SH-6- SRF)	8940.49	8949.72	9.23	255661.5023	2402900.4400
138	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8950.23	-	-	255671.2420	2402900.5231
139	PIPELINE	Ex. 3"Ø ONGC PIPELINE	8958.33	-	-	255679.3415	2402900.5240
140	PIPELINE	EX.4"Ø Oil line from #102 (DJAP) to #176 (GGAA)	9298.79	-	-	256019.7735	2402896.1578
141	DRAIN	DRAIN	9534.69	9557.32	22.63	256255.6573	2402895.7503
142	ROAD	Asphalt Road (SH-6- Suwa)	9557.32	9585.98	28.66	256278.2847	2402896.0936
143	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	9619.40	-	-	256322.7752	2402877.8868
144	PIPELINE	EX.3" Ø GAS LIFT LINE (JOLWA GGS TO DJAP # 102)	9661.20	-	-	256325.7011	2402836.1893
145	PIPELINE	EX.4"Ø OIL LINE (DJAP # 102 TO JOLWA GGS)	9662.64	-	-	256325.8019	2402834.7529
146	PIPELINE	EX. 12"Ø REPL DNEPL	9970.32	-	-	256347.6495	2402527.8531
147	PIPELINE	EX. 12"Ø REPL DNEPL	9986.14	-	-	256349.1390	2402512.1034
148	ROAD	30m wide GIDC Road (to CSCI)	10064.29	10088.29	24.00	256356.0611	2402434.2704
149	PIPELINE	EX.125MM PE GGL PIPELINE	10109.65	-	-	256378.5684	2402411.3111
150	PIPELINE	EX. NITROGEN GAS PIPELINE LINDE TO CHINA	10275.21	-	-	256543.9815	2402418.2847
151	ROAD	ROAD TO CHINA STEEL (INDUSTRIES-CHINA STEEL)	10379.93	10408.40	28.47	256648.6086	2402422.6959
152	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	10878.03	-	-	257126.0485	2402421.9895
153	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	11105.24	-	-	257289.6127	2402430.8214
154	DRAIN	ASPHALTED ROAD GIDC (30M WIDE) (INDUSTRIES- INDUSTRIES)	11117.67	11147.41	29.74	257289.7223	2402443.2509
155	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	11139.33	-	-	257289.9133	2402464.9101
156	PIPELINE	Proposed 8inch Dia. ETP Pipeline from DCTL to 40 MLD CETP	11144.30	-	-	257289.9572	2402469.8799
157	PIPELINE	4"Ø OIL PL (ONGC)	11844.46	-	-	257986.5293	2402497.3848
158	PIPELINE	EX 500mm GIDC WSPL	12083.72	-	-	258214.6716	2402568.9635
159	PIPELINE	EX.8"Ø PCPIR GSPL GAS PL	12085.21	-	-	258216.0835	2402569.4396
160	ROAD	ASPHALTED ROAD GIDC (45M WIDE) (INDUSTRIES- INDUSTRIES)	12067.51	12115.91	48.40	258199.3113	2402563.7842



MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
161	PIPELINE	EX.4"Ø GAS PL FROM GAIL SV TO KCL	12111.27	-	-	258240.7775	2402577.7660
162	PIPELINE	EX.710mm Ø EFFLUENT PIPELINE VILAYAT GIDC	12113.89	-	-	258243.2602	2402578.6031
163	DRAIN	LINED DRAIN GIDC	12117.89	12142.49	24.60	258247.0505	2402579.8811
164	PIPELINE	PROPOSED EFFLUENT FROM D2 DCTL TO GIDC PUMP NO-5 ROUTE	12164.01	-	-	258290.7531	2402594.6167
165	PIPELINE	90 MLD 900mm 2 PL SAYKHA CETP TO Z-93 PLOT EFFLUENT PL CORRIDOR	12162.81	-	-	258287.7398	2402593.6007
166	PIPELINE	EX 32 INCH DGEN RAW WSPL GIDC RESERVOIR	12179.60	-	-	258305.5260	2402599.5979
167	PIPELINE	EX.1100MM DIA 8 MGD WSPL RIL	12195.08	-	-	258320.1946	2402604.5438
168	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12199.53	-	-	258324.4113	2402605.9656
169	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12203.48	-	-	258328.1543	2402607.2277
170	PIPELINE	EX 160mmHDPE EFFLUENT PL	12206.64	-	-	258331.1486	2402608.2373
171	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	12215.62	-	-	258337.3811	2402607.2053
172	PIPELINE	EX.4"GAS PL FROM GAIL TERMINAL TO KCL	12229.67	-	-	258340.0212	2402593.4056
173	PIPELINE	EX.6"Ø CHINA STEEL GSPL GAS PL	12239.69	-	-	258341.9041	2402583.5641
174	PIPELINE	EX.24" Ø ADPL GSPL GAS LINE	12243.54	-	-	258342.6276	2402579.7827
175	PIPELINE	EX.1.344m Ø Product Water MS Line (L&T)	12261.02	-	-	258345.9122	2402562.6141
176	PIPELINE	EX.4"Ø GNXM (#201) - DAHEJ GGS (OIL)	12446.21	-	-	258337.4357	2402377.9536
177	PIPELINE	3"Ø Gas line from #299 (GNLB) to Jolva GGS	12463.31	-	-	258336.4562	2402360.8817
178	PIPELINE	3"Ø W.I. line from #299 (GNLB) to Jolva GGS	12479.62	-	-	258335.5219	2402344.5984
179	PIPELINE	EX 160mmHDPE EFFLUENT PL	12635.73	-	-	258300.6192	2402196.3565
180	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12638.72	-	-	258299.1514	2402193.7516
181	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12644.66	-	-	258296.2355	2402188.5765
182	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12684.42	-	-	258293.2806	2402150.7527
183	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12689.01	-	-	258295.2236	2402146.5942



MC. No.	Type of Crossing	Description	Chainage (m)		Width (m)	UTM-43 Co-ordinates(m)	
			Start	End		EASTING	NORTHING
184	PIPELINE	EX 160mmHDPE EFFLUENT PL	12691.58	-	-	258296.3115	2402144.2658
185	PIPELINE	EX 350mmØ EFFLUENT PIPELINE(ABOVEGROUND)	12760.76	-	-	258325.5964	2402081.5899
186	DRAIN	LINED DRAIN	12771.33	12782.93	11.60	258330.0708	2402072.0137
187	PIPELINE	EX 900mm EFFLUNT PL(ABOVEGROUND)	12788.58	-	-	258337.3730	2402056.3855
188	PIPELINE	EX.42"Ø DVPL GAIL GAS LINE	12797.06	-	-	258340.9627	2402048.7027
189	PIPELINE	EX.48"Ø DVVPL GAIL GAS LINE	12804.39	-	-	258344.0656	2402042.0619
190	PIPELINE	EX.4"Ø GNFC TO FILATEX GAIL GAS PIPELINE	12819.56	-	-	258350.4873	2402028.3181

ANNEXURE - V(C)**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak Chem Tech Limited(DCTL)****LIST OF U/G UTILITY CROSSINGS FALLING ON THE ROUTE OF PIPELINE**

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
1	CABLE	11KV POWER CABLE TORRENT	1.45	1.50	248205.5909	2400650.6813
2	PIPELINE	EX.16"Ø GACL EFFLUENT PIPELINE	39.83	0.70	248198.4113	2400688.3838
3	PIPELINE	EX. 1000mmØ EFFLUENT LINE GIDC	44.72	1.50	248197.4966	2400693.1875
4	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	47.87	2.50	248196.9073	2400696.2819
5	PIPELINE	PROPOSED EFFLUENT LINE_GACL DAHEJ	51.07	-	248196.3087	2400699.4254
6	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	64.97	2.70	248193.7085	2400713.0800
7	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	66.86	1.20	248193.3550	2400714.9367
8	PIPELINE	EX.250mm D.I. WSPL ADANI	70.31	1.50	248192.7096	2400718.3258
9	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	99.63	-	248187.2249	2400747.1282
10	PIPELINE	EX.88.9mm Ø LIQ.HYDROGEN P/L MEGHMANI TO AARTI	103.52	1.80	248186.4972	2400750.9495
11	PIPELINE	EX.4" Ø ETHANE P/L RIL DMD TO SRF	105.89	1.60	248186.0539	2400753.2777
12	PIPELINE	EX. 10"Ø CAUSTIC P/L CH-17 TO GCPL	109.50	1.10	248185.3786	2400756.8240
13	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	113.63	1.50	248184.6060	2400760.8811
14	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	121.83	1.50	248183.0721	2400768.9363
15	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	122.83	1.50	248182.8850	2400769.9187
16	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	125.17	2.10	248182.4473	2400772.2174
17	CABLE	ADANI 66KV GETCO CABLE	161.95	1.50	248177.8267	2400808.6419



Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
18	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	450.60	-	248430.4589	2400894.9234
19	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	453.42	-	248431.9955	2400897.2879
20	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	827.32	1.50	248799.8199	2400950.0778
21	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1023.40	2.20	248989.0564	2400995.9529
22	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1024.40	2.20	248990.0049	2400996.2696
23	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	1033.79	1.80	248998.9114	2400999.2441
24	PIPELINE	EX.14"Ø DKPL (IOCL)	1104.62	1.20	249065.3690	2401023.4831
25	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1109.53	2.20	249069.8062	2401025.5853
26	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1110.53	2.20	249070.7099	2401026.0134
27	PIPELINE	EX. 30"Ø DUPL GAS PIPELINE (GAIL)	1154.46	2.20	249110.4102	2401044.8213
28	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	1161.38	2.20	249116.6639	2401047.7839
29	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	1192.67	2.50	249146.5716	2401053.5271
30	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	1195.04	2.50	249148.9410	2401053.4735
31	PIPELINE	EX 14"Ø DKPL (IOCL)	1200.37	2.50	249154.2696	2401053.3530
32	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO LAKHIGAM SECTION)	1207.92	1.20	249161.8177	2401053.1823
33	PIPELINE	EX.400mmØ GACL EFFLUENT PL	1217.22	2.20	249171.1153	2401052.9721
34	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1222.40	2.50	249176.2940	2401052.8550
35	PIPELINE	EX.400mmØ GACL EFFLUENT PL	1247.39	1.07	249201.2776	2401052.2900
36	CABLE	U/G 11KV CABLE	1249.51	1.50	249203.3971	2401052.2420
37	PIPELINE	EX. WSPL	1252.47	2.30	249206.3563	2401052.1751
38	PIPELINE	Ex.4"Ø PROPYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1271.15	2.00	249225.0316	2401051.7528
39	PIPELINE	Ex.6" Ø NAPHTHA PIPELINE (DAHEJ - VADODARA) (RIL)	1272.06	2.00	249225.9413	2401051.7322
40	PIPELINE	Ex.6"Ø ETHYLENE PIPELINE (DAHEJ - VADODARA) (RIL)	1272.90	2.00	249226.7811	2401051.7132



Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
41	CABLE	EX.2"Ø OFC CABLE(RIL)	1274.03	1.50	249227.9108	2401051.6877
42	CABLE	66KV POWER CABLE ADANI	1277.00	1.50	249230.8801	2401051.6205
43	PIPELINE	EX.26"Ø SEMI RICH P/L (RIL)	1279.77	1.20	249233.6494	2401051.5579
44	PIPELINE	EX.24"Ø LEAN GAS P/L (RIL)	1281.53	1.20	249235.4089	2401051.5181
45	PIPELINE	EX.16" DIA GAFL EFFLUENT PIPELINE	1287.09	1.50	249240.9675	2401051.3924
46	PIPELINE	PROPOSED EFFLUENT LINE_GACL DAHEJ	1297.28	-	249251.1549	2401051.1620
47	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1590.92	1.50	249528.4771	2401131.0947
48	PIPELINE	EX. 110mmØ HDPE EFFLUENT LINE BASF	1593.49	1.50	249530.9469	2401130.3840
49	PIPELINE	EX.10"Ø WSPL FROM DAHEJ GIDC PUMP TO BASF	1597.15	1.30	249534.4641	2401129.3718
50	PIPELINE	EX. PIPELINE	1604.00	1.00	249541.0469	2401127.4773
51	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1610.93	1.10	249547.7066	2401125.5607
52	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	1611.93	1.10	249548.6676	2401125.2841
53	PIPELINE	EX.42"Ø DVPL-I GAS PIPELINE (GAIL)	1614.63	1.70	249551.2623	2401124.5374
54	PIPELINE	EX.24"Ø GSPL PDPL GAS PIPELINE	1626.55	1.50	249562.7174	2401121.2408
55	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	1732.57	1.50	249645.4110	2401183.7358
56	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	1735.32	1.50	249646.8235	2401186.0954
57	PIPELINE	EX.200mm Ø D.I WSPL TO BASF	2006.78	1.50	249891.1247	2401300.7895
58	PIPELINE	EX. 200mm DIA HDPE EFFLUENT LINE BASF	2009.16	1.50	249893.4932	2401300.5550
59	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	2018.03	-	249902.3200	2401299.6811
60	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	2022.11	-	249906.3802	2401299.2791
61	PIPELINE	EX. 250mmØ DI. WSPL ADANI	2059.59	1.70	249943.6778	2401295.5864
62	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2084.50	1.00	249968.4666	2401293.1322
63	PIPELINE	EX.800 MM DIA HDPE WSPL	2107.89	1.10	249991.7428	2401290.8277
64	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline from RIL DMD To (NFASL)	2110.86	1.30	249994.6984	2401290.5351

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
65	PIPELINE	Proposed RIL TO GFL VCM Pipeline	2114.52	-	249998.3405	2401290.1745
66	PIPELINE	Ex.10"Ø CAUSTIC P/L CH-17 TO GCPL	2119.20	1.20	250002.9978	2401289.7134
67	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2122.94	1.80	250006.7196	2401289.3449
68	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2126.56	2.20	250010.3220	2401288.9882
69	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	2132.31	-	250016.0440	2401288.4217
70	PIPELINE	EX. 48" Ø GAIL DVVPL II GAS LINE	2136.72	1.80	250020.4325	2401287.9872
71	PIPELINE	EX. WSPL	2163.92	1.50	250047.2815	2401289.7384
72	PIPELINE	Ex. 600mm Ø GIDC WSPL	2187.33	1.30	250070.2371	2401294.3281
73	PIPELINE	EX.1000mm Ø EFFLUENT PIPELINE	2190.38	1.30	250073.2279	2401294.9261
74	PIPELINE	EX. 250mmØ HDPE GWSSB WSPL (WADIA HEAD WORKS TO JAGESHWAR SECTION)	2205.79	1.20	250088.3389	2401297.9473
75	PIPELINE	EX.48"Ø RIL WATER SUPPLY PIPELINE	2256.13	2.90	250137.7019	2401307.8168
76	CABLE	U/G 33KV CABLE LINE (TPL)	2297.19	1.20	250177.9650	2401315.8669
77	PIPELINE	PROPOSED EFFLUENT LINE (4 NO) NOCIL, DPL, DNL, BASF CORRIDOR	2347.41	-	250226.0683	2401329.7031
78	PIPELINE	EX.200mm Ø D.I. WSPL(BASF)	2381.26	1.50	250257.7460	2401341.6340
79	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	2431.89	-	250306.7077	2401354.0329
80	PIPELINE	Ex.12"Ø REPL DNEPL	2436.79	1.80	250311.5053	2401355.0293
81	PIPELINE	EX. 48"Ø DVVPL II GAS PIPELINE (GAIL)	2469.87	1.80	250343.8941	2401361.7564
82	PIPELINE	EX 6"Ø GGL CGD PL	2521.83	4.00	250394.7683	2401372.3229
83	PIPELINE	EX.6"Ø GAS P/L GSPL TERMINAL TO GFL	2526.41	4.00	250399.2526	2401373.2543
84	PIPELINE	EX. 42"Ø DVPL GAS PIPELINE (GAIL)	2572.63	1.70	250439.0477	2401386.5816
85	PIPELINE	EX.2" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2583.08	1.10	250437.8113	2401396.9582
86	PIPELINE	PROPOSED PLL TO D1 PIPELINE CORRIDOR (3 LINE) DEEPAK PHENOLICS	2583.90	-	250437.7143	2401397.7725

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
87	PIPELINE	EX.4" Ø DAHEJ-HINDALCO GAS LINE (GAIL)	2584.08	1.10	250437.6930	2401397.9512
88	PIPELINE	PROPOSED GCPL TO D1 PIPELINE CORRIDOR (4 LINE) DEEPAK PHENOLICS	2586.00	-	250437.4659	2401399.8577
89	CABLE	66KV HT CABLE GETCO TO DEEPAK	2725.97	1.50	250561.6100	2401459.6932
90	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	2849.41	-	250624.6927	2401526.0565
91	PIPELINE	EX.4"Ø ETHANE P/L RIL DMD TO SRF	2852.68	1.10	250623.9743	2401529.2466
92	PIPELINE	EX.88.9mm Ø LIQ. HYDROGEN P/L MEGHMANI TO AARTI	2854.25	1.50	250623.6293	2401530.7782
93	PIPELINE	EX.10"Ø CAUSTIC P/L NALCO TO GCPL	2855.59	1.70	250623.3349	2401532.0855
94	PIPELINE	EX.110mm Ø HDPE EFFLUENT LINE (BASF)	2869.06	1.50	250620.3752	2401545.2263
95	PIPELINE	EX.6"Ø GAS P/L GSPL TERMINAL TO GFL	2870.04	1.20	250620.1599	2401546.1823
96	PIPELINE	EX.800mm Ø GRP HINDALCO WATER SUPPLY LINE	2873.20	1.50	250619.4655	2401549.2651
97	PIPELINE	EX.600mm Ø GRP HINDALCO WATER SUPPLY LINE	2875.23	1.50	250619.0195	2401551.2455
98	PIPELINE	EX 6"Ø GGL GAS PL FROM CNG TO GFL DAHEJ	2877.07	1.40	250618.6152	2401553.0405
99	CABLE	33&11 KV U/G CABLE TPL	2889.17	1.50	250615.9565	2401564.8448
100	PIPELINE	EX. 12"Ø D.I. WSPL GCPL	2893.14	2.30	250615.0842	2401568.7178
101	PIPELINE	PROPOSED EFFLUENT LINE_GACL DAHEJ	2901.25	2.50	250613.3023	2401576.6296
102	PIPELINE	EX. 16"Ø GACL EFFLUENT PIPELINE (GACL)	2903.25	2.50	250612.8628	2401578.5807
103	CABLE	66kv U/G Cable Hemani (GETCO)	2982.05	1.50	250595.6675	2401655.4796
104	PIPELINE	EX.2"Ø WSPL PVC GETCO	3075.66	1.50	250578.3376	2401747.4715
105	CABLE	RJIL OFC CABLE	3243.25	1.50	250567.9620	2401907.5375
106	PIPELINE	EX. 12"Ø CAUSTIC PIPELINE GACL	4079.99	2.70	251169.6416	2402488.9964
107	PIPELINE	EX.10"Ø CAUSTIC P/L CH-17 TO GCPL	4086.94	2.70	251174.6394	2402493.8259
108	PIPELINE	EX.10"Ø CAUSTIC P/L GNAL TO CH-17	4090.70	2.70	251177.3432	2402496.4387
109	PIPELINE	EX. 6"Ø GACL PIPELINE	4095.59	1.50	251180.8597	2402499.8368

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
110	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	4504.64	-	251476.8588	2402782.1336
111	PIPELINE	EX. 12"Ø ETHANE REPL DNEPL	4507.64	3.10	251479.1194	2402784.1059
112	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	4510.59	1.10	251481.3423	2402786.0453
113	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline from RIL DMD To (NFASL)	4524.12	5.40	251491.2640	2402795.2387
114	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	4526.40	-	251492.9077	2402796.8188
115	PIPELINE	EX.6" Ø GGL GAS PL CNG TO GFL DAHEJ	4762.24	2.00	251662.4743	2402960.7223
116	PIPELINE	Ex. 24" Ø GSPL-PDPL (PETRONET-DAHEJ)	4836.79	4.40	251715.4165	2403013.2054
117	PIPELINE	EX. 6"Ø GSPL (BCPL) GACL TO BIRLA COPPER	4852.81	2.50	251726.8731	2403024.4030
118	PIPELINE	EX.6"Ø GGL GAS P/L (CNG TO GFL DAHEJ)	5033.68	1.60	251858.4614	2403146.2512
119	PIPELINE	Ex.8"Ø MDPE GAIL GAS P/L (JOLVA TO GACL)	5100.47	1.80	251923.3700	2403141.6253
120	PIPELINE	EX.8"Ø GSPL TERMINAL TO GGL CNG PUMP	5218.34	1.50	252040.9098	2403133.2472
121	CABLE	66kv U/G Cable Hemani (GETCO)	5224.00	1.50	252046.5564	2403132.8571
122	PIPELINE	U/C 24"Ø GACL WSPL	5246.25	1.30	252067.6762	2403126.5675
123	PIPELINE	EX 88.9mmØ LIQ. HYDROGEN P/L MEGHMANI TO AARTI	5795.19	1.80	252613.3860	2403070.3254
124	PIPELINE	Ex.200mmØ PVC Water Supply Pipeline	6017.40	1.20	252834.7059	2403050.5626
125	PIPELINE	EX 700mmØ EFFLUENT PL VILAYAY GIDC	6428.82	2.00	253242.9104	2403003.5701
126	PIPELINE	EX.12"Ø WSPL	6486.80	2.20	253299.2270	2402989.7818
127	PIPELINE	250mmØHDPE LINE(GWSSB)(from Rahiyad sump to Wadia Headworks)	6595.74	1.20	253404.5840	2402962.2396
128	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	6707.25	-	253504.9406	2402920.7164
129	PIPELINE	Ex.4" Ø. VCM Carbon Steel Pipeline (NFASL) From RIL DMD	6710.94	3.00	253506.9847	2402917.6442
130	PIPELINE	EX.10"Ø CAUSTIC P/L CH-17 TO GCPL	6716.39	1.70	253510.0037	2402913.1068
131	PIPELINE	EX.4"Ø ETHYLENE P/L RIL DMD TO SRF	6719.90	1.70	253511.9480	2402910.1846
132	PIPELINE	PROPOSED RIL DMD TO ASIAN PAINT ETHANE LINE	6724.16	-	253514.3078	2402906.6379



Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
133	PIPELINE	EX.12"Ø REPL DNEPL	6732.13	1.70	253518.7227	2402900.0024
134	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	6742.56	-	253524.5004	2402891.3189
135	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	7290.92	-	254067.1628	2402855.4292
136	PIPELINE	EX. MEGHMANI EFFLUENT LINE (2m DEPTH)	7332.40	2.00	254108.6403	2402855.8794
137	PIPELINE	U/G DRAINAGE LINE	7359.52	5.00	254135.7590	2402856.1441
138	PIPELINE	EX 250mmØ PS A HDPE PIPELINE	7364.13	1.70	254140.3688	2402856.1891
139	PIPELINE	EX 250mm PS 2 HDPE PIPELINE	7365.27	1.50	254141.5087	2402856.2003
140	PIPELINE	EX GIDC PIPELINE	7365.54	1.10	254141.7787	2402856.2029
141	PIPELINE	EX 500mmØ PS 4 GIDC PIPELINE	7366.10	1.50	254142.3387	2402856.2084
142	PIPELINE	EX 500mmØ PS 5 1 GIDC EFFLUENT LINE	7368.62	1.50	254144.8586	2402856.2330
143	PIPELINE	EX 500mmØ PS 5 1 GIDC EFFLUENT LINE	7370.61	1.30	254146.8485	2402856.2524
144	PIPELINE	EX 250mmØ PS 5 1 GIDC EFFLUENT LINE	7374.45	1.70	254150.6883	2402856.2899
145	PIPELINE	EX GIDC PIPELINE	7376.85	1.90	254153.0882	2402856.3133
146	PIPELINE	EX 250mmØ PS 5 1 GIDC EFFLUENT LINE	7378.64	1.70	254154.8781	2402856.3308
147	PIPELINE	EX. WSPL	7381.79	1.50	254158.0279	2402856.3615
148	PIPELINE	ABOVEGROND 300mm Ø HDPE EFFLUENT PL	7407.97	-	254184.2067	2402856.6171
149	PIPELINE	EX EFFLUENT PIPELINE	7415.89	1.70	254192.1263	2402856.6944
150	PIPELINE	EX. 300mmØ HDPE EFFLUENT PL TO NAVIN FLUORINE	7417.31	2.20	254193.5462	2402856.7083
151	PIPELINE	EX.10"Ø LINDE TO MEGHMANI	7419.14	2.20	254195.3762	2402856.7261
152	PIPELINE	EX.1000mmØ GIDC WATER LINE	7885.42	2.50	254661.5059	2402867.1876
153	PIPELINE	EX.4"Ø WATER LINE	7945.14	2.70	254721.1682	2402869.8111
154	PIPELINE	EX 800mm GIDC WSPL GRP	7951.87	2.70	254727.8917	2402870.1068
155	PIPELINE	EX.1000mmØ GIDC WATER LINE	7959.66	3.00	254735.6742	2402870.4490
156	CABLE	66kV U/G CABLE LUNA TO LINDE	7964.51	1.50	254740.5195	2402870.6620
157	PIPELINE	EX.4"Ø WATER LINE	8225.19	1.70	255000.9759	2402881.4440

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
158	PIPELINE	EX 4 ETHYLENE PL RIL DMD TO SRF	8333.26	3.50	255108.9605	2402885.7396
159	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8341.95	3.10	255117.6436	2402886.0850
160	CABLE	ELECTRIC CABLE	8344.31	1.50	255120.0018	2402886.1788
161	CABLE	ELECTRIC CABLE	8344.51	1.50	255120.2016	2402886.1868
162	PIPELINE	Ex.710mm Ø EFFLUENT P/L VILAYAT GIDC	8365.28	3.50	255140.9552	2402887.0123
163	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	8647.79	-	255383.7702	2402930.3385
164	PIPELINE	EX.12"Ø REPL DNEPL	8651.41	1.80	255387.3898	2402930.3908
165	PIPELINE	Proposed VCM Pipeline (RIL To GFL)	8668.14	-	255400.7429	2402924.4961
166	PIPELINE	Proposed 8inch Dia. ETP Pipeline	8672.60	1.30	255403.0765	2402920.6953
167	PIPELINE	Ex.710mm Ø EFFLUENT P/L VILAYAT GIDC	8715.70	1.20	255436.7300	2402899.4534
168	PIPELINE	EX. 6"Ø PVC WATER LINE	8747.70	1.50	255468.7193	2402898.7946
169	PIPELINE	EX. 300mm Ø WSPL	8769.11	1.70	255490.1286	2402898.9773
170	PIPELINE	U/C 500mm MS WSPL PL RESERVOIR TO SRF	8773.32	1.50	255494.3384	2402899.0133
171	PIPELINE	U/G DRAINAGE PIPELINE	8922.89	3.50	255643.9030	2402900.2898
172	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	8950.23	3.00	255671.2420	2402900.5231
173	PIPELINE	Ex. 3"Ø ONGC PIPELINE	8958.33	1.80	255679.3415	2402900.5240
174	PIPELINE	EX.4"Ø Oil line from #102 (DJAP) to #176 (GGAA)	9298.79	1.50	256019.7735	2402896.1578
175	PIPELINE	EX. NITROGEN P/L CHINA STEEL TO LINDE	9619.40	1.80	256322.7752	2402877.8868
176	PIPELINE	EX.3" Ø GAS LIFT LINE (JOLWA GGS TO DJAP # 102)	9661.20	1.50	256325.7011	2402836.1893
177	PIPELINE	EX.4"Ø OIL LINE (DJAP # 102 TO JOLWA GGS)	9662.64	1.50	256325.8019	2402834.7529
178	PIPELINE	EX. 12"Ø ETHANE REPL DNEPL	9970.32	1.60	256347.6495	2402527.8531
179	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	9973.32	-	256347.9320	2402524.8665
180	PIPELINE	PROPOSED REPL ETHANE PIPELINE FROM DMD TO PARVAT (MLV)	9983.14	-	256348.8566	2402515.0901

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
181	PIPELINE	EX. 12"Ø ETHANE REPL DNEPL	9986.14	1.60	256349.1390	2402512.1034
182	CABLE	U/G CABLE LINE	10094.57	1.50	256363.5018	2402410.6759
183	CABLE	66KV POWER CABLE GETCO LUNA -SUVA	10103.36	1.50	256372.2840	2402411.0461
184	PIPELINE	EX.125MM PE GGL PIPELINE	10109.65	1.20	256378.5684	2402411.3111
185	PIPELINE	EX. NITROGEN GAS PIPELINE LINDE TO CHINA	10275.21	2.00	256543.9815	2402418.2847
186	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	10878.03	1.80	257126.0485	2402421.9895
187	PIPELINE	EX.24" Ø ADPL GSPL GAS P/L	11105.24	2.10	257289.6127	2402430.8214
188	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	11139.33	4.20	257289.9133	2402464.9101
189	PIPELINE	Proposed 8inch Dia. ETP Pipeline from DCTL to 40 MLD CETP	11144.30	-	257289.9572	2402469.8799
190	PIPELINE	4"Ø OIL PL (ONGC)	11844.46	1.20	257986.5293	2402497.3848
191	PIPELINE	EX 500mm GIDC WSPL	12083.72	1.50	258214.6716	2402568.9635
192	PIPELINE	EX.8"Ø PCPIR GSPL GAS PL	12085.21	1.50	258216.0835	2402569.4396
193	PIPELINE	EX.4"Ø GAS PL FROM GAIL SV TO KCL	12111.27	1.70	258240.7775	2402577.7660
194	PIPELINE	EX.710mm Ø EFFLUENT PIPELINE VILAYAT GIDC	12113.89	1.50	258243.2602	2402578.6031
195	CABLE	66 KV GETCO CABLE TO GFL-2(2 LINE)	12150.07	1.50	258277.5438	2402590.1628
196	CABLE	66 KV GETCO CABLE TO GFL-2(2 LINE)	12150.95	1.50	258278.3777	2402590.4440
197	CABLE	66 KV GETCO CABLE (KILBURN)	12162.81	1.50	258289.6160	2402594.2333
198	PIPELINE	90 MLD 900mm 2 PL SAYKHA CETP TO Z-93 PLOT EFFLUENT PL CORRIDOR	12162.81	1.70	258287.7398	2402593.6007
199	PIPELINE	PROPOSED EFFLUENT FROM D2 DCTL TO GIDC PUMP NO-5 ROUTE	12164.01	-	258290.7531	2402594.6167
200	PIPELINE	EX 32 INCH DGEN RAW WSPL GIDC RESERVOIR	12179.60	1.70	258305.5260	2402599.5979
201	CABLE	66 KV GETCO CABLE (SUVA-SAMBHETI 1&2)	12190.81	1.50	258316.1484	2402603.1795
202	CABLE	66 KV GETCO CABLE (SUVA-SAMBHETI 1&2)	12191.46	1.50	258316.7643	2402603.3872
203	PIPELINE	EX.1100MM DIA 8 MGD WSPL RIL	12195.08	1.70	258320.1946	2402604.5438



Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
204	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12199.53	1.80	258324.4113	2402605.9656
205	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12203.48	1.78	258328.1543	2402607.2277
206	PIPELINE	EX 160mmHDPE EFFLUENT PL	12206.64	1.78	258331.1486	2402608.2373
207	PIPELINE	EX.10"Ø SS 316L CAUSTIC SODA LYE PIPELINE FROM GNAL TO CH-17	12215.62	2.00	258337.3811	2402607.2053
208	PIPELINE	Proposed 4" Ø Hydrogen Line DCTL TO GNAL"	12217.65	-	258337.7625	2402605.2115
209	CABLE	66 KV GETCO CABLE (ATC Tires Pvt. Ltd.)	12225.48	1.50	258339.2339	2402597.5209
210	CABLE	66 KV GETCO CABLE (SUVA-GALENDA 1&2)	12227.82	1.50	258339.6736	2402595.2226
211	CABLE	66 KV GETCO CABLE (SUVA-GALENDA 1&2)	12228.42	1.50	258339.7863	2402594.6333
212	PIPELINE	EX.4"GAS PL FROM GAIL TERMINAL TO KCL	12229.67	2.00	258340.0212	2402593.4056
213	PIPELINE	EX.6"Ø CHINA STEEL GSPL GAS PL	12239.69	2.20	258341.9041	2402583.5641
214	PIPELINE	EX.24" Ø ADPL GSPL GAS LINE	12243.54	2.50	258342.6276	2402579.7827
215	PIPELINE	EX.1.344mØ Product Water MS Line (L&T)	12261.02	0.50	258345.9122	2402562.6141
216	PIPELINE	PROPOSED 350mm Ø DI EFFLUENT PIPELINE GNFC	12281.71	-	258347.4971	2402542.1455
217	PIPELINE	EX.4"Ø GNXM (#201) - DAHEJ GGS (OIL)	12446.21	1.40	258337.4357	2402377.9536
218	PIPELINE	3"Ø Gas line from #299 (GNLB) to Jolva GGS	12463.31	1.20	258336.4562	2402360.8817
219	PIPELINE	3"Ø W.I. line from #299 (GNLB) to Jolva GGS	12479.62	1.20	258335.5219	2402344.5984
220	PIPELINE	EX 160mmHDPE EFFLUENT PL	12635.73	1.80	258300.6192	2402196.3565
221	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12638.72	1.80	258299.1514	2402193.7516
222	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12644.66	2.00	258296.2355	2402188.5765
223	PIPELINE	EX 44 INCH OPAL WSPL FROM GIDC RESERVOIR	12684.42	1.80	258293.2806	2402150.7527
224	PIPELINE	EX 250mm DEEPAK FERTILIZER WSPL	12689.01	1.80	258295.2236	2402146.5942
225	PIPELINE	EX 160mmHDPE EFFLUENT PL	12691.58	1.80	258296.3115	2402144.2658
226	PIPELINE	PROPOSED RAW WSPL RESERVOIR TO D2-DCTL ROUTE ALT-1	12697.71	-	258298.9065	2402138.7121

Sr. No.	Type of Crossing	Description	Chainage (m)	Depth (m)	UTM-43 Co-ordinates(m)	
					EASTING	NORTHING
227	PIPELINE	Proposed Pipeline from D1 TO D2 3No's Pipeline (2m Wide Corridor)	12740.42	12742.43	258316.9862	2402100.0176
228	PIPELINE	Proposed 6" Ø GGL Gas Pipeline to DCTL	12746.27	-	258319.4626	2402094.7176
229	PIPELINE	EX 350mm Ø EFFLUENT PIPELINE(ABOVEGROUND)	12760.76	-	258325.5964	2402081.5899
230	PIPELINE	EX 900mm EFFLUNT PL(ABOVEGROUND)	12788.58	-	258337.3730	2402056.3855
231	PIPELINE	EX.42"Ø DVPL GAIL GAS LINE	12797.06	2.70	258340.9627	2402048.7027
232	PIPELINE	EX.48"Ø DVVPL GAIL GAS LINE	12804.39	2.30	258344.0656	2402042.0619
233	PIPELINE	EX.4"Ø GNFC TO FILATEX GAIL GAS PIPELINE	12819.56	2.00	258350.4873	2402028.3181
234	PIPELINE	Proposed Pipeline from D1 TO D2 3No's Pipeline (2M Wide Corridor) (INSIDE DCTL)	12878.19	12880.19	258399.0326	2402042.2951
235	PIPELINE	EX.4"Ø ONGC P/L (FROM GNLB) (INSIDE DCTL)	12950.43	-	258463.9581	2402073.9699
236	PIPELINE	EX.4"Ø ONGC P/L (FROM GNLB) (INSIDE DCTL)	12958.03	-	258470.7886	2402077.3023

Note: As per directives from DCTL, chainages are considered from boundary wall of RIL, hence crossings inside RIL is not included

ANNEXURE - VI (A)**Proposed 4"Ø Ethylene Pipeline from RIL DMD to
Deepak Chem Tech Limited (DCTL)****POPULATION DENSITY INDEX-AT A GLANCE**

CLASS	LENGTH (km)
I	2.199
II	9.600
III	1.600
IV	-
TOTAL	13.399

ANNEXURE -VI(B)

**Proposed 4"Ø Ethylene Pipeline from RIL DMD to Deepak
Chem Tech Limited (DCTL)**

BROAD POPULATION DENSITY INDEX

Sr. No.	Chainage (km)		Stretch (km)	No. of Dwellings	Class
	Start	End			
1	0.000	1.600	1.600	14	II
2	1.600	3.200	1.600	37	II
3	3.200	4.800	1.600	43	II
4	4.800	6.400	1.600	21	II
5	6.400	8.000	1.600	28	II
6	8.000	9.600	1.600	49	III
7	9.600	11.200	1.600	32	II
8	11.200	12.800	1.600	8	I
9	12.800	13.399	0.599	1	I
	Total Length(km)		13.399		